



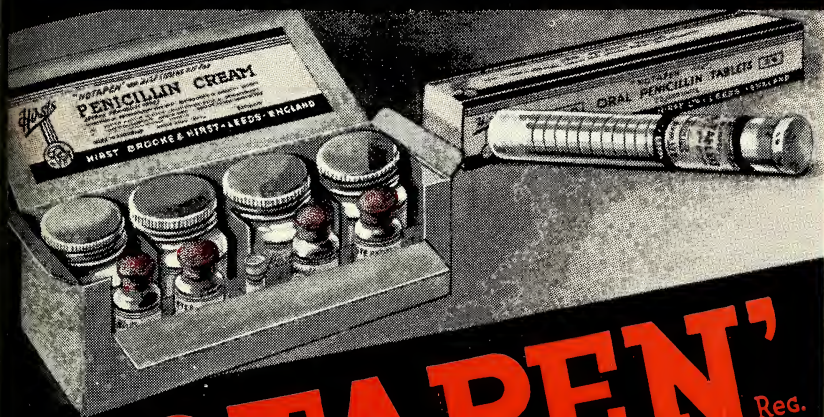
Digitized by the Internet Archive  
in 2014

<https://archive.org/details/b19974760M3776>



  
*The*  
**CHEMIST AND DRUGGIST**  
 RETAILER - WHOLESALE - MANUFACTURER  
 JUNE 4, 1949

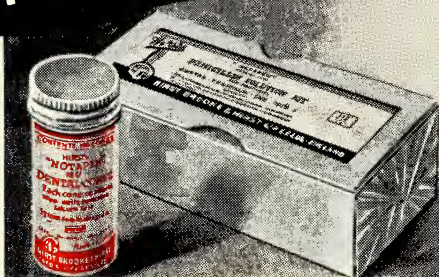
**FUNIFORM POTENCY and STABILITY**



**NOTAPEN<sup>Reg.</sup>**  
**PENICILLIN PREPARATIONS**

CREAM KITS  
 LOZENGES  
 EAR CONES  
 EYE OINTMENT  
 CREAM BASE  
 EYE DROP KITS  
 OINTMENT  
 DENTAL CCNES  
 INJECTION Oily  
 SNUFF

ORAL TABLETS



*A complete catalogue will be gladly sent on request.*

**HIRST BROOKE & HIRST LTD**

Telegrams  
 HIRST LEEDS

MANUFACTURING AND EXPORT CHEMISTS  
**LEEDS 7**

Telephone  
 32561 (6 LINES)

essential vitamins in a water-soluble form



## ABIDEC Drops

**PARKE, DAVIS & CO.,  
HOUNSLOW, MIDDLESEX.**

*Inc. U.S.A., Liability Ltd.*

A unique preparation! A clear, non-viscous, non-oily and stable multivitamin solution which dissolves immediately in water, milk, soup or children's food without altering the taste or colour. It can be dropped directly onto the tongue.

One five-minim dose supplies an infant's daily requirements of vitamins A and D, and the water-soluble vitamins B<sub>1</sub>, B<sub>2</sub>, C and nicotinic acid.

M.R.P. : 5/6 per 10 c.c. dropper-bottle (Exempt P.T.)



PA

**It's Advertised as  
a Chemists' Line!**

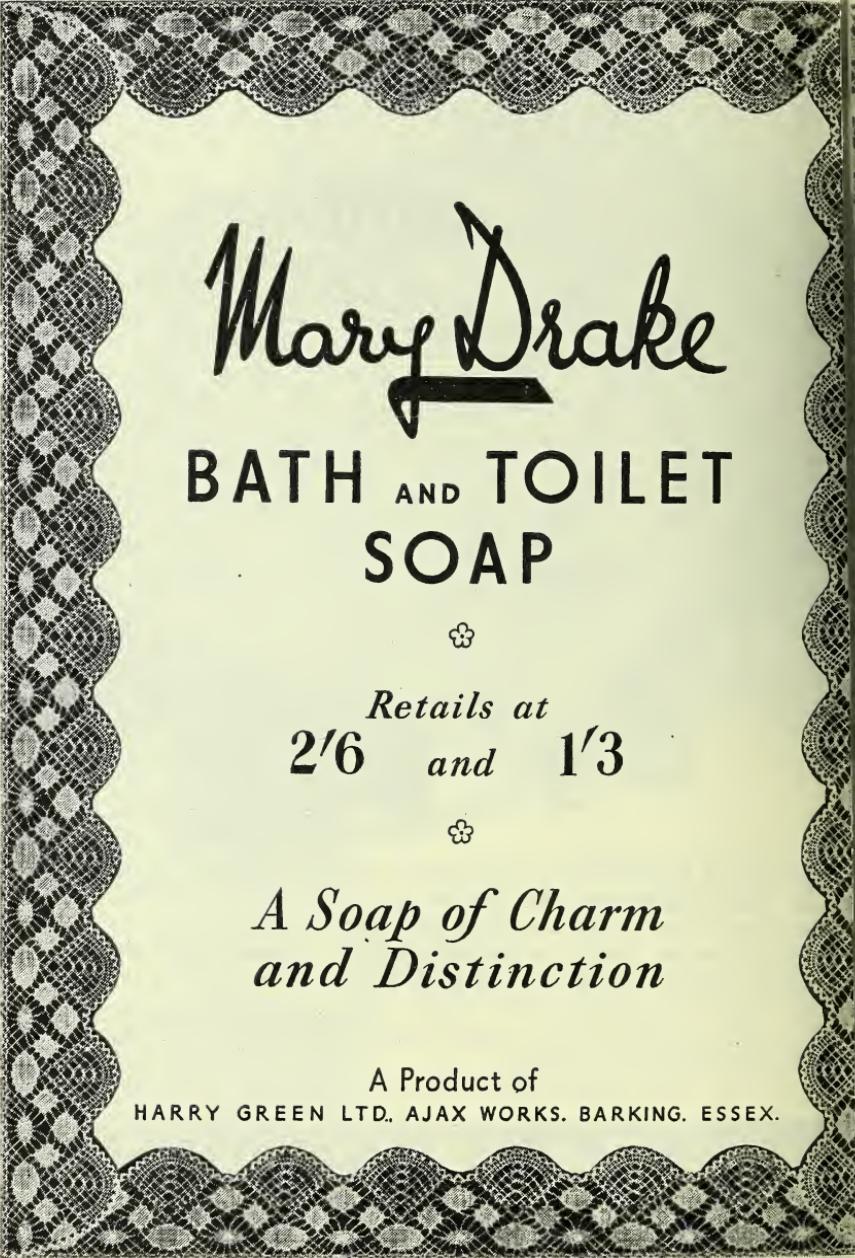


Sp 22/- Pack  
(or bottle free)  
no available.

**E**LASTO advertising is widespread and consistent. An ever increasing demand for this product is being created at your very door. Are you taking full advantage of this opportunity for new business created in your area by this vigorous campaign? 'Elasto' sales-aids displayed in your window or on your counter will convert the 'prospect' we have created into a customer for you. And remember repeats and recommendations come freely from initial sales of 'Elasto'.

*New Show Material Now Available*

**SHOW *Elasto* —  
IT SELLS ON SIGHT!**



Mary Drake  
BATH AND TOILET  
SOAP



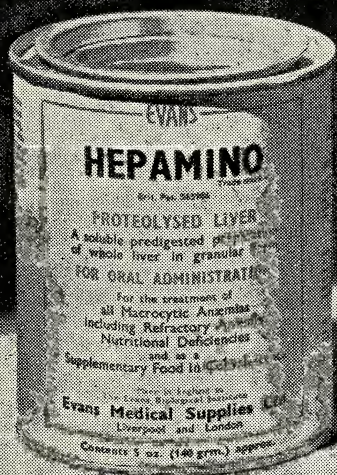
*Retails at*  
2/6 and 1/3



*A Soap of Charm  
and Distinction*

A Product of  
HARRY GREEN LTD., AJAX WORKS, BARKING, ESSEX.

# An outstanding advance the therapy of refractory macrocytic anaemia



## HEPAMINO

proteolysed whole  
liver preparation  
in granular form  
for oral use

Hepamino contains the haemopoietic factors (including folic acid) essential amino acids and water-soluble members of the vitamin B complex derived from raw liver. It is indicated for the treatment of all macrocytic anaemias (including refractory types) and nutritional deficiencies.

*Further details sent on request to:—*

**EVANS MEDICAL SUPPLIES LTD., LIVERPOOL AND LONDON**

**EVANS**



4 oz. bottle  
2/9 inc. tax

## SPECIAL BONUS OFFER

The benefits of Calamine Therapy are even more pronounced when Esoban—*Cream of Calamine*—is used. Appreciated by thousands of skin sufferers and preferred by the Medical Profession for its soothing action in irritant skin conditions. Order your Bonus Parcel NOW.

**ESOBAN**  
*Cream* OF CALAMINE

33½% DISCOUNT • THROUGH YOUR C. F. WHOLESALE

**SPECIAL  
BONUS  
OFFER**

13 to the dozen for orders of 3 dozen.  
14 to the dozen for orders of 6 dozen and over.  
For a two weeks' window and counter display.

SOUTHON LABORATORIES LTD • UPPER RICHMOND ROAD • LONDON, S.W.15

**PAT.**

# AYRTON'S

**SPEED AND CERTAINTY**

are necessary where Penicillin and  
its Preparations are concerned

ALL SUPPLIES ARE POST-PAID  
SAME DAY AS ORDER RECEIVED

# PENICILLIN

# INDEX TO ADVERTISERS

td. .... xxii	Citrus Products Co., Ltd. ... xxvi	Freudentheil, Smith & Co.
anderson & Co., Ltd. 4	Clinitest ..... xxi	Leader Page
	Comtesse Laboratories, Ltd. xxiv	
	County Perfumery Co., Ltd. 21	
	Cox, Arthur H., & Co., Ltd.	
	Cover iv	
... & Son, Ltd. .... xx	Cox, J., & Co. .... xviii	Gardiner & Co. (The Scotch
Telegraph ..... ii	Curacho Co. .... Leader Page	House), Ltd. .... x
in, Hills & Lucas, .....	Cussons, Sons & Co., Ltd.	Gardner, W., & Sons (Glos.),
..... Leader Page	Cover iii	Ltd. .... vi
Fish ..... Col. Supp.	Cuticura Preparations ..... xxxi	General Electric Co., Ltd. ... xix
ds, Ltd. .... xx		Genoxide, Ltd. .... iv
Ltd. .... viii		George, Ernest J., & Co.
T. F., & Co., Ltd. 29		Col. Supp.
ug Houses, Ltd., The 6	Dae Health Laboratories,	Glaxo Laboratories, Ltd. .... 22
yewood Co., Ltd. .... iv	Ltd. .... xxvii	Gordon - Moore's Cosmetic
Brush Co. .... 26	Daniel, Richard, & Son, Ltd. 13	Toothpaste ..... xiii
distributors, Ltd. .... xi	Dearborn (1923), Ltd. .... 24	Gould, N. & M., Ltd. .... 30
Ltd. .... 12	Delavelle, Ltd. .... 30	Green, H., Ltd. .... 2
pliance Co., Ltd. .... vii	Dolcin, Ltd. .... 28	
Burbridge & Co., .....	Dring, J., Ltd. .... viii	
..... i	Duncan, Flockhart & Co.,	Hamburger, M., & Sons ..... iv
James, Ltd.	Ltd. .... v	Hacley, T., Ltd. .... xviii
Leader Page		Harwoods Laboratories, Ltd. xxxii
s Wellcome & Co. 18, 31	Edme, Ltd. .... 28	Herts Pharmaceuticals, Ltd. .... 10
inter & Co., Ltd. ... ii	English Grains Co., Ltd. .... 22	Hirst, Brooke & Hirst, Ltd.
J., & Co., Ltd. ... iii	Evans Medical Supplies, Ltd. 3	Front Cover
		Hirst, Stuart, Ltd. ... Leader Page
Box & Printing Co., .....		
..... 26		
on Products, Ltd. ... ix	Frankenberg, L., Ltd. .... viii	

(continued overleaf)

## Relieves pain . . . elevates mood

EDRISAL' presents a different and unusually effective form of analgesia. It contains not only two potent analgesic agents, but also the well-known antispasmodic, 'Benzedrine'. Thus 'Edrisal' relieves pain and dispels the depression which almost always accompanies pain. The recommended initial dose is 2 tablets.

DYSMENORRHOEA  
SIMPLE HEADACHE  
NEURALGIA  
INFLUENZA  
COLDS  
SINUSITIS

Literature is available to pharmacists on request.

## ' E D R I S A L '

The Dual-Action Analgesic

Each tablet contains : amphetamine ('Benzedrine') sulphate 2.5 mg.; acetylsalicylic acid 160 mg.; phenacetin 160 mg.

Bottles of 25 tablets  
ade price 22/6d. doz.  
r. Tax 7/6d. doz.  
tail Price 3/1½d. ea.  
spensing pack 250  
lets 16/3d. Tax free.

LEY & JAMES, LIMITED, 123 COLDHARBOUR LANE, LONDON, S.E.5  
with Kline & French International Co., owner of the trade marks 'Edrisal' and 'Benzedrine'

## INDEX (cont.)

Imperial Chemical Industries, Ltd. ....	23	Organon Laboratories, Ltd....	32	Sorbo, Ltd. ....	ix
International Chemical Co., Ltd. ....	xxv	Orridge & Co. ....Col. Supp.		Southon Laboratories, Ltd. ...	4
		Owbridge, W. T., Ltd. ....	26	Splendor, Ltd. ....	ii
Jackson, Ernest, & Co., Ltd. ....	xxx	Parke, Davis & Co. ....Cover	ii	Teasdale & Co., Ltd. ....	26
Jeffreys, Miller & Co., Ltd. ....	26	Parker-Hale, Ltd. ....	xxviii	Thornton & Ross, Ltd. ....	10
Johns, Son & Watts, Ltd. ....	xviii	Pascall Engineering Co., Ltd. ....	v		
Johnson & Johnson (G.B.), Ltd. ....	xxix	Pharmax, Ltd. ....	xxii	United Chemists Association Ltd. ....	7
		Potter & Clarke, Ltd. ....	17		
		Promedico Products, Ltd. ....	x		
Kearsley, C. & G., Ltd. ....	xx			Waide, Thos., & Sons, Ltd. ....	3
Kellys, J., (London), Ltd. ....	iv	Rankin Bros. & Sons Leader Page		Wallis Laboratory, Ltd., The Leader	te
Knox, John (Stoke-on-Trent), Ltd. ....	xxiv	Ransom, Wm., & Son, Ltd. ....	xv	Walton, T. H., & Co., Ltd. ....	vi
Koray, Ltd. ....	xii	Raywarp Textiles, Ltd. ....	16	Wander, A., Ltd. ....	11
		Refiance Rubber Co., Ltd. ....	vi	Ward, Blenkinsop & Co., Ltd. ....	15
		Rendell, W. J., Ltd. ....	xvi	Wernet Dental Manufacturing Co. ....	ii
Manchester Oil Refinery, Ltd. ....	ii	Reutokil, Ltd. ....	xi	Wesley, Harold, Ltd. ....	vi
Marns, Thomas, Ltd. (Arrid) ....	xx	Reuter, R. J., Co., Ltd. ....	22	Westbrook Lanolin Co. ....	iii
May & Baker, Ltd. ....	20	Revai, A., & Co., Ltd. ....	iv	Westminster Laboratories Ltd. ....	ii
Menley & James, Ltd. ....	5	Riddell Products, Ltd. ....	xxiv	Whiffen & Sons, Ltd. ....	27
Mitchell, L. A., Ltd. ....	x	Robinson & Sons, Ltd. ....	9	Whitakers (Kendal), Ltd. ....	30
Monsanto Chemicals, Ltd. ....	19	Rose's Lime Juice ....	24	Wilcox, Jozeau & Co., Ltd. ....	te
				Williams, Charles & Co. ....	ax
New Era Treatment Co., Ltd. ....	1	Sandoz Products, Ltd. ....	25		
North British Rubber Co., Ltd. ....	xxx	Scott, A. & R., Ltd. ....	xxiii	Zems, Ltd. ....	iv
		Sidnick, M., & Co., Ltd. ....	14		
		Silvikrin Laboratories ....	8		

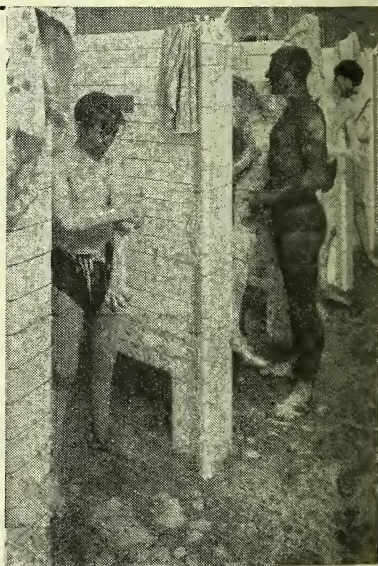
# They need the protection of MYCIL

TRADE MARK

Wherever lies the danger of *tinea pedis* and other fungal infections of the feet there is the need for Mycil, the B.D.H. fungicide. It is highly satisfactory both in prophylaxis and treatment.

Mycil is odourless and is also non-mercurial, therefore may be used freely without danger of toxic reactions.

PRICES	Trade (Excl. Tax)	Retail (Incl. Tax)
MYCIL OINTMENT	1/6	2/9
MYCIL DUSTING POWDER	1/6	2/9



THE BRITISH DRUG HOUSES LTD. LONDON N.1

Myc



**U N I T E D**  
**FOR THE PRESERVATION**  
**OF INDIVIDUALITY**



# **IMPORTANT ANNOUNCEMENT**

## **Silvikrin, Silvifix and Kemt**

As a result of a change of ownership of Silvikrin Laboratories Ltd, all orders after 1st July 1949 for

**Pure Silvikrin**

**Silvikrin Hair Tonic Lotion**

**Silvikrin Hair Tonic Lotion with Oil**

**Silvikrin Shampoos**

**Silvifix**

**Kemt**

should be addressed to:

**PRICHARD & CONSTANCE (Mfg) Ltd**

[Sole Selling Agents for Silvikrin Laboratories Ltd]

**North Circular Road, London, N.W.10**

**Telephone: Elgar 8095**

**Note: This announcement does not apply to Scotland or Northern Ireland.**

# ROBINSONS OF CHESTERFIELD

*For over a century*

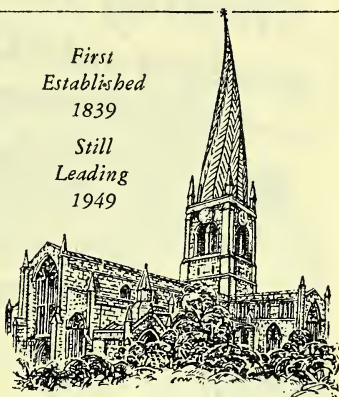
## Stock Round Boxes for the Chemist

*have been manufactured by*

ROBINSONS OF CHESTERFIELD

*First  
Established  
1839*

*Still  
Leading  
1949*



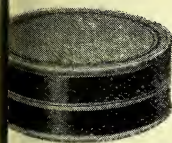
*All boxes in these categories are now back to pre-war standards  
The quality being improved by modern methods of manufacture  
Specifications & standards to comply with N.H.S & B.S.I Specifications*

### PILL BOXES

**SCARLET**  
(G.P.O.)

**WHITE**  
(P.I.)

**PURPLE,  
WHITE EDGES**  
(P.I.)



PURPLE FLANGED

*Supplies are unrationed  
and your full order can be  
met through your usual  
source*

### "LITTLE JOHN" DRUMS



CRYSTALS : POWDERS  
TABLETS

### OINTMENT BOXES



SEALITE  
WAX IMPREGNATED



CHEPETTE  
GREASEPROOF

Telegrams :  
"Boxes  
Chesterfield"

**ROBINSON & SONS, LTD.**  
WHEAT BRIDGE MILLS, CHESTERFIELD

Telephone :  
2105  
(6 lines)

London Office: King's Bourne House, 229-231 High Holborn, W.C.1. Telephone: HOLborn 6383  
R.I.

## Meeting two modern needs



LAST THING  
EVERY NIGHT



PURIFIES  
THE AIR

The bottle position has improved for SANIDENT and ZOFLORA sizes and we are now able to supply in greater quantities.

## SANIDENT

*Denture  
Cleaner*

Twenty years of regular use have proved its efficiency and safety.

Retail 1/4½

## Zoflora

*Perfumed*

### DISINFECTANT

is an efficient germicide, fragrant with strongly antiseptic floral oils and synthetics, and is especially suitable for the spraying of rooms, to dispel tobacco, cooking or unwanted odours. It is of particular value in the sickroom, where it purifies the atmosphere and refreshes nurses and patients alike.

Retail Price 2/-  
Complete Spraying  
Outfit 10/-

Usual Trade Discounts

TB 140

**THORNTON & ROSS**  
*Manufacturing Chemists*  
LINTHWAITE-HUDDESFIELD

## Lively Sales Ads



The unique qualities of 'SLEEK' adhesive strapping give it an immediate appeal to your customers. By displaying it and introducing it, you will be building their permanent goodwill.

Use the attractive showcards which are available; they will help you sell 'SLEEK' even more quickly. We have also prepared a 'SLEEK' Sales Manual which will give you and your staff all the information you want about the product. 'SLEEK' will give you a quick turnover. Proven supplies are available in flesh colour and white.

1" x 5 yard spools... Retail 2/-

2" x 5 yard spools... Retail 3/6

## 'Sleek'

TRADE MARK

### PLASTIC ADHESIVE STRAPPING

Herts Pharmaceuticals Ltd., Welwyn Gdn. City  
Telephone: Wel. Garden 3333



A. WANDER LTD. BY APPOINTMENT  
OVALTINE MANUFACTURERS TO H.M. THE KING

## Quality Products *from the* House of Wander

EVERY test which skill and science can suggest is systematically applied to the Wander preparations in order to maintain their excellence, and the processes of manufacture have been devised and are constantly reviewed with the same object. The 'Ovaltine' Research Laboratories, where Wander products are analysed and tested, are among the best of their kind and are staffed by fully qualified scientists of international reputation.

The 'Ovaltine' Factory in a Country Garden, the 'Ovaltine' Dairy Farm with its famous herd of prize-winning Jersey cows, and the 'Ovaltine' Egg Farm are all manifestations of the policy of perfection which animates the House of Wander.

*The following are a few of many well-known  
Wander Products:*

### OVALTINE

The world's most popular food beverage for health and vitality. Because of its exceptional nutritive value and ease of digestibility, 'Ovaltine' is the food beverage most widely used in Hospitals and Nursing Homes everywhere. It is invaluable as a stand-by in cases of difficult feeding.

### OVALTINE RUSKS

Delicious, digestible and nourishing. Prepared from the finest ingredients, including a proportion of 'Ovaltine.' They are a great aid and comfort to infants at teething-time.

### ALOCOL

The well-known brand of Colloidal Aluminium Hydroxide. A most effective antacid for the neutralisation of hyperacidity in the treatment of peptic ulcer and other conditions which irritate the gastric tract. Available in the form of Powder, Tablets or **ALOCOL CREAM**—a stable and palatable cream which does not separate, and which has a delightful peppermint flavour.

### VIMALTOL

A delicious, concentrated vitamin food prepared from malt extract, yeast and Halibut Liver Oil, fortified with additional vitamins and minerals, and deliciously flavoured with orange juice. An important aid in the treatment of many abnormal conditions resulting from the deficiency of essential vitamins in the diet.

### MALT & OIL

A product of outstanding pharmaceutical excellence. The malt extract is specially prepared by A. Wander Ltd., who are acknowledged as leading authorities on its manufacture. The cod liver oil is the finest obtainable. The product is pre-eminently acceptable to the patient by reason of its delightful taste.

### ALASIL

A most effective analgesic. The desirable effects of acetylsalicylic acid are maintained without the tendency to irritate by combining the acid with 'Alocol' (Colloidal Aluminium Hydroxide)—an effective gastric sedative and antacid.

*Details of sizes and prices will gladly be sent on request.*

A. WANDER LTD., 42 Upper Grosvenor St., Grosvenor Sq., London, W.1

**This  
EXTRA  
SALES  
ASSISTANT  
Will bring in  
the summer  
crowds !**



This colourful poster for BRONTAN will be appearing throughout the summer to assist you in selling this popular Sun Tan Cream to thousands. There's always a steady demand for Brontan in the summer season, so be sure you have stocks available by ordering NOW!

# **BRONTAN LTD.**

All orders and communications to Sole Distributors:—

**ALFRED FRANKS & BARTLETT CO., LTD.,**  
AUDREY HOUSE, ELY PLACE, LONDON, E.C.1

Telephone No : HOL 1078/9



PROPRIETARIES  
SUNDRIES DRUGS  
TABLETS & PILLS

FOR  
CHEMISTS


*Manufacturing  
Chemists*

Office & Works Mansfield Road Derby Telephone 4266 (4 lines) Branch Warehouse Grosvenor St Ashton-under-Lyne Telephone 2816 (2 lines)

*Pharmaceutical and Perfumery Labels*  
by  
**THOMAS WAIDE & SONS LTD**  
KIRKSTALL HILL LEEDS

Labels visible in collage: HANDS ANTISEPTIC INFECTANT, CALVERT'S, DDD Preservative, SEVEN SEAS, SWAN DOWN SUN BRONZE OIL, MOORLAND INDIGESTION Tablets, DEITTON, ANTI-SEPTIC, NON-POISONOUS, GERMICIDE, BRONNLEY'S HAIR, FRESH PURE COD LIVER OIL, THE PLEASANT AND MOST RELIABLE AID TO DIGESTION, IMPERIAL LEATHER, GLOSSORS.

## REGULAR Deliveries in ALL Areas

- 
- PROPRIETARY GOODS
  - Pharmaceutical Preparations
  - TOILET REQUISITES
  - Dressings and Cotton Wools
  - DRUGS AND SUNDRIES

*We give an efficient wholesale service, and you can rely on courteous and careful attention to your particular needs.*

# SIDNICK & Co.

11-12, FINSBURY SQUARE, LONDON, E.C.2.

Telephone: MONARCH 5642/3

## SOUTH AFRICA

In view of the drastic Import Restrictions now obtaining, a large firm of manufacturing and distributing Chemists, established 1842, with outstanding facilities for manufacture up to British Standard of ethical, proprietary, pharmaceutical and toilet preparations, is ready to negotiate immediately through their London office with British manufacturers of highest standing for manufacture and/or distribution of their products in the Union.

Write to

**BOX No. A/197**

The Chemist & Druggist, 28 Essex Street, Strand,  
London, W.C.2

# Sterilisation of Parenteral Preparations

The method of sterilisation by heating with a bactericide, as described in Appendix XVII.A. to the B.P. 1948, is particularly convenient for Pharmacists preparing solutions of such substances as atropine sulphate, hyoscine hydrobromide,

morphine sulphate and physostigmine salicylate. No special apparatus is required for this method; simply add 0.002% w/v of Phenylmercuric Nitrate to the preparation and heat in the final containers at 98° to 100°C, for the requisite period.

## «WB»

### PHENYLMERCURIC NITRATE

is supplied for this purpose in tubes containing 1gm. and 10gm. Full details of this method of sterilisation are available on request.

*Pharmacists are also invited to apply for copies of the current edition of the Price list of «WB» Medical Products.*

## WARD, BLENKINSOP

& CO LTD

6 Henrietta Place,

Trade



Mark

London, W.1

Telephone : Langham 3185.

Telegrams : Duochem, Wesdo, London.

IT'S IN NYLON! THE MODERN HAIR NET

# Raywarp

## P5 NYLON PANELLED sleeping net

- ★ **SELF-ADJUSTING**  
One size fits all hair styles.
- ★ **IT HOLDS THE CURLS**  
The Elastic Panels keep them firmly in place.
- ★ **NYLON FOR HARD WEAR**  
The P5 Outlasts many ordinary Hair-nets. It is beautifully soft and can be WASHED repeatedly.
- ★ **ATTRACTIVE DISPLAY**  
The P5, in transparent envelopes, are packed 1 dozen in striking Counter Display Boxes in either single or assorted shades.



Price to retail trade  
25/- per unit plus Tax.

Price of P5 to  
public 3/11 inc.  
Tax.



### A QUALITY PRODUCT

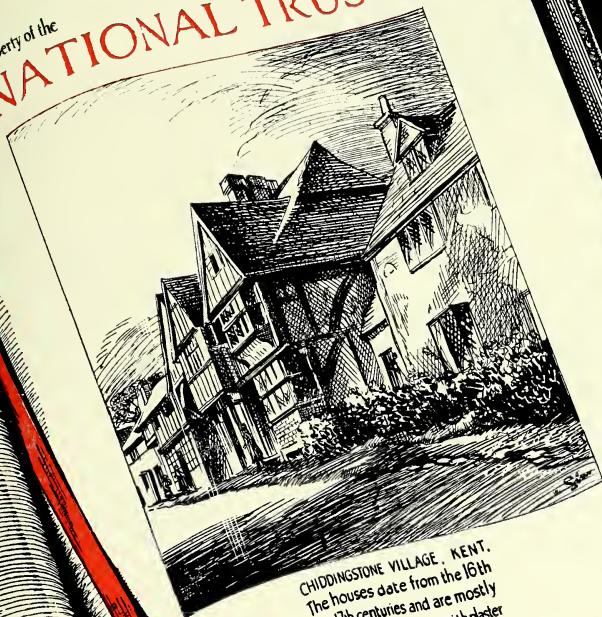
Show Raywarp's latest P5 in their attractive Counter Display Boxes. Only one size need be stocked. Supplied with pretty ribbon bow and chin-tie which may be tied at back if preferred.

Immediate Delivery

*"The panels  
protect your Perm"*

RAYWARP TEXTILES LTD., ALFRED ST., NORTH, NOTTINGHAM

Property of the  
**NATIONAL TRUST**



CHIDDINGSTONE VILLAGE, KENT.  
The houses date from the 16th  
and 17th centuries and are mostly  
constructed of timber with plaster  
or brick fillings



*Potter & Clarke Ltd.*  
DRUG MERCHANTS & MANUFACTURING CHEMISTS  
*London & Manchester.*



WHEN FUNGUS IS AFOOT . . .

'Tineafax' brand preparations contain *undecylenic acid*—a new, specific antifungal agent of proved effectiveness in "athlete's foot" and similar dermatophytoses.

'Tineafax' brand Ointment is intended for the treatment of established infection; 'Tineafax' brand Powder as an adjunct to the Ointment and for prophylactic use. Both products are clear and pleasant to use, non-staining and free from objectionable odour. The Ointment is issued in collapsible tubes of 1 oz. (approx.); the Powder in tins of 2 oz. Separate display outers available

the answer is ' **TINEAFAX** '

COMPOUND UNDECYLENATE OINTMENT AND UNDECYLENATE POWDER

Each product retails at 2s. 6d. plus 7½d. Purchase Tax



BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON

This statement was made in 1939. It is still true. Our output to-day is many times greater than pre-war.

We are now able to offer Aspirgran, Acetyl Salicylic Acid B. P. and also Salicylic Acid B. P., Sodium Salicylate B. P., Methyl Salicylate B. P. and Salicylic Acid (Technical) for regular delivery.

Please address your enquiries to the Sales Department.

Britain's

largest

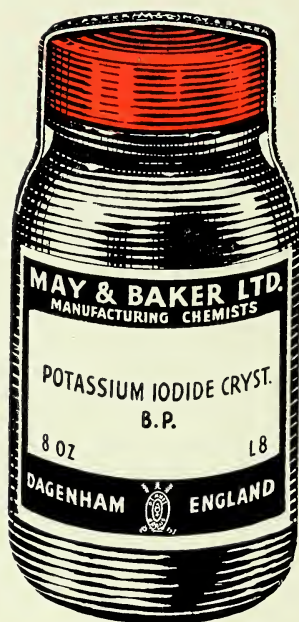
producers of

# ASPIRIN

Write to Sales Department for Bulletin  
"Chemicals for the Pharmaceutical Industry".

**MONSANTO CHEMICALS LIMITED**  
VICTORIA STATION HOUSE. LONDON. S.W.1

*Dispense*



## *pharmaceutical chemicals*

Over 350 M&B Pharmaceutical Chemicals are now available from wholesale distributors throughout the country

**M&B for IODIDES**  
*including*

**POTASSIUM IODIDE B.P. CRYST.**  
**SODIUM IODIDE B.P.**  
**IODINE B.P. RESUBLIMED**



**MAY & BAKER LTD.**

# INFRINGEMENT OF BRYLCREEM TRADE MARK



## Injunction granted in High Court

In the High Court of Justice, Chancery Division, on April 14th, 1949, on a motion by County Perfumery Co. Ltd., an Order was made whereby :

- 1 a perpetual injunction was granted to restrain the firm trading as "Henry's" at 181 Earl's Court Road, London, S.W.5. from infringing the plaintiff's registered trade mark BRYLCREEM and from passing off as and for goods of the plaintiffs, hair cream not of their manufacture or merchandise, by the use thereon or in relation thereto of the word BRYLCREEM or any other word so closely resembling such word as to be likely to cause confusion;
- 2 the defendant was ordered to deliver up all infringing material and pay the plaintiff's costs;
- 3 an enquiry as to damages was ordered.

*The most rigorous action will be taken to protect the interests of the consumer, the legitimate trade and of the Company itself against all infringements.*



SUPPLIES IN BULK  
from **GLAXO**

Enquiries are invited from  
bulk purchasers requiring  
refined and semi-refined

**CHOLESTEROL**  
**CALCIFEROL B.P.**  
(pure crystalline vitamin D<sub>2</sub>);  
and **VITAMIN D<sub>3</sub>**  
concentrate

Details and quotations from  
Bulk Sales Department

**GLAXO LABORATORIES LTD.,**  
GREENFORD, MIDD<sup>X</sup>. BYRon 3434



*Fragrant favourites*

WITH A PERFUME  
UNIQUELY THEIR OWN

**"TOSCA"**

*Concentrated Perfume*

**"TOSCA"**

*Perfumed Eau de Cologne*



**EAU DE COLOGNE**

(BLUE & GOLD LABEL)

**AND BEAUTY AIDS**

*Made in England*

**R. J. Reuter Company Limited, Slough**

Telephone : SLOUGH 20341-2

P.A.T.A.

## VITAL STATISTICS

Each day an adult needs 600 I.U.s Vitamin B<sub>1</sub>. It is an appalling fact that many diets, with their preponderance of white bread and over-milled cereals, yield only half this amount. Yestamin nation advertising is directed to showing how this situation may be simply remedied with dry yeast — a statement endorsed by high medical authorities. Ever-increasing sales of Yestamin are a direct contribution to the nation's health!

In Bottles	to retail at	Trade Price
100 TABLETS	1/6	12/3 PER DOZ
300 TABLETS	4/-	33/- PER DOZ

Less 5% Cash in 14 days

Vitamin B<sub>1</sub> ..... 2.10 mgms. per c

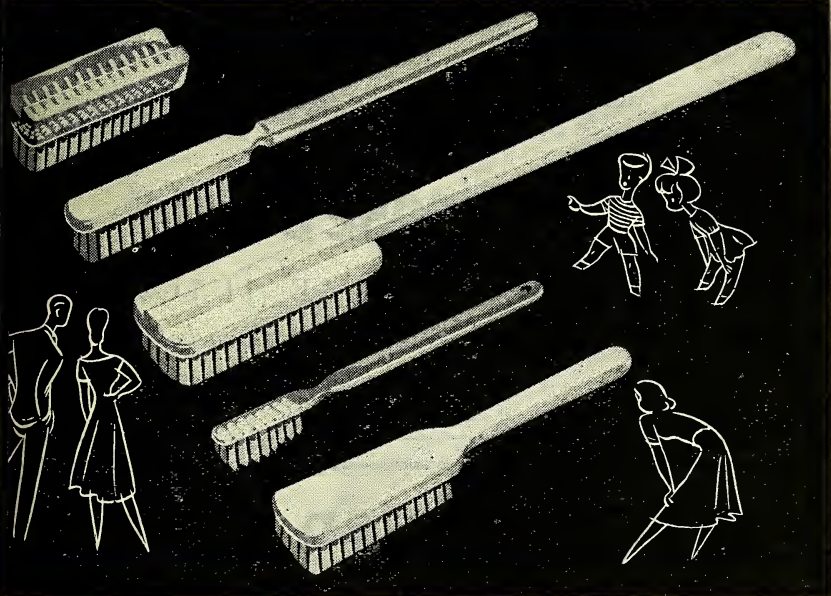
Riboflavin (B<sub>2</sub>) ..... 1.45 mgms. per c

Niacin ..... 9.50 mgms. per c

**Yestamin DAILY YEAST**

THE ENGLISH GRAINS CO. LTD. BURTON-ON-TRENT

# Nylon is unique



FOR ALL  
PERSONAL  
BRUSHES

Only nylon with its scientifically graded diameters produces the correctly textured toothbrush to suit all dental conditions.

These supple monofilaments repel dirt, do not split or become soggy and, above all, remain hygienic throughout an exceptionally long life.

NYLON BRUSHES BEST



P.N.84

# ROSE'S LIME JUICE

*Specially prepared for Diabetics*

ROSE'S famous Lime Juice without added sugar is now available for diabetics.

*3/3 per bottle*

**ROSE'S**  
*Diabetic* LIME JUICE  
*also Lemon and Orange Squashes*

**MERCOLIZED WAX**  
*for the complexion*

**CLYNOL BERRIES**  
*for obesity*

SUPPLIES NOW AVAILABLE IN ANY QUANTITY

*Please send your enquiries to our Distributors :—*

**POTTER & MOORE LTD.**

Lavender House, Seymour Road,  
 Leyton, E.10

**DEARBORN (1923) LTD.**

"KERN HOUSE," 36/38, KINGSWAY, LONDON, W.C.2

# FELAMINE

for the treatment of

## HEPATO-BILIARY DISTURBANCES

---

Felamine Tablets contain cholic acid and hexamine without any other vegetable or mineral components. They act as a powerful choleric and cholagogue, while exerting an antiseptic action on the biliary tract.

*Particulars and samples from*

**SANDOZ PRODUCTS LIMITED**

134 WIGMORE STREET, LONDON, W.1.



# OWBRIDGE'S

announce the opening of a **London Depot** at **25 Pomeroy Street London • SE 14** PHONE: NEW CROSS 1122

Mr. C. Sykes is in charge of the depot. Orders,  $\frac{1}{2}$  gross and upwards from customers in the London Area will be delivered direct from the depot in free non-returnable cartons. London customers are invited to send or 'phone orders to:  
Mr. C. Sykes, W. T. Owbridge Ltd., 25 Pomeroy Street, London, S.E.14.

**SHOWCARDS** **CARTONS & BOXES** **DISPLAYS**  
PRINTED OR PLAIN  
OF EVERY KIND, FOR EVERY PURPOSE  
**CARTON BOX & PRINTING CO. LTD**  
BRINKSWAY, STOCKPORT.  
PHONE:— STD. 4700.  
**TRANSPARENT BOXES**

Camphor Powder, Camphor Tablets,  
Balsam Tolu, Sodium Sulphate Comm  
and B.P., Benzoic Acid, Benzalde  
Salicylic Acid and Sodium Sul  
offered in substantial quantities

APPLY:— BOX NO. 5/214

# MILLAMALT



Sole Manufacturers: JEFFREYS, MILLER & CO. LTD (A6500 I.U., D400)  
Leyland Mills, Wigan. London Dept. 19 Brookside Rd. N (I.U. PER FL. OZ.)

Malt Extract with  
added **Natural Vitamins**

**"The Regent"**

**WIRE PIN RUBBER CUSHION  
HAIR BRUSH**

27/9d. per doz. Plus P.T.

**RETAIL 4/3d.**

IN ATTRACTIVE PASTEL SHADES

Trade and Agents Enquiries Invited

**THE BROADWAY BRUSH CO.**

HARPENDEN, HERTS. Phone: 4126

# NIPITS



TEASDALE & CO. LTD., CARLISLE

*From the food of the Gods to*



# *Theobromine*

THE seeds of the cacao tree, the  
 Aztec "cacao-quahuitl" of  
 the Aztecs, aptly named *Theobroma*  
 the food of the gods — by  
 Linnaeus in 1720, is the principal  
 source of the alkaloid Theobromine.  
 This alkaloid, which is also present  
 to a smaller extent in tea, was first  
 discovered in cacao by Woskresensky  
 in 1842; its chemical constitution as  
 3,7-dimethyl-xanthine, a close rela-  
 tive of caffeine, was established by  
 Whiffen in 1882 and confirmed by  
 others in 1897.

As early as 1900 Thomas Whiffen  
 was manufacturing pure theobro-  
 mine which was isolated in the  
 course of purifying the caffeine  
 extracted from waste tea. Today,  
 however, a different process is used  
 since considerable quantities of crude  
 theobromine are available as a by-  
 product of chocolate manufacture  
 and it is from this that the pure  
 alkaloid and its derivatives are now  
 prepared by Whiffen & Sons Ltd.,  
 for use in medicine as valuable  
 diuretics.

## WHIFFENS

*Manufacturers of Fine Chemicals for nearly a century*

WHIFFEN & SONS LTD · FULHAM · LONDON · SW6

British Chemicals & Biologicals Ltd.

Telephone: RENown 3416

Telegrams: Whiffen, London

**EDME**  
**"Autumn Sun"**  
 EXTRACT of MALT with COD LIVER OIL  
 AND FLAVOURING. B.P. Net. 1LB.  
 EDME LIMITED, IMPERIAL HOUSE, REGENT STREET, LONDON, W.1  
 Phone: Regent 5563-4, Grams: Edme, Piccy, London  
 Works: Mistley, Essex

What is in  
**Dolcin**



What is the  
**dosage**

Dolcin was evolved in the U.S.A. after years of exhaustive research. The report by M. M. Szucs, M.D. (published in the Ohio State Medical Journal) on the results obtained from the administration of Dolcin in cases of Arthritis and Rheumatic disorders has led to world-wide prescription and a sale running into millions of bottles.

Comprehensive clinical tests have proved that in Dolcin's scientifically balanced combination of calcium succinate (2.8 grains) and acetylsalicylic acid (3.7 grains), the calcium succinate has a two-fold value. Firstly, it has a stimulating effect upon the cellular respiration, and secondly, it obviates the toxicity of acetylsalicylic acid. Salicylates have long been considered as having very considerable value in the treatment of Rheumatic disorders, both as a vasodilator and analgesic, but their toxicity formally precluded their use in sufficiently massive dosage.

To the majority of Arthritis and Rheumatic sufferers Dolcin gives rapid and prolonged relief from pain on an initial dosage of 3 tablets 4 times daily. After the acute symptoms have sub-

sided the dose is usually reduced to 2 tablets 4 times daily, and this smaller dosage is maintained for 3 to 4 months to minimize recurrence. Experiments and clinical tests have so clearly demonstrated the non-toxicity of Dolcin that some doctors are successfully prescribing 24 or 32 tablets per day in cases of Rheumatoid Arthritis. For children 10-15 years of age exhibiting rheumatic symptoms, half the adult dose is usually prescribed.

**DOLCIN**

REG. TRADE MARK

Available from leading wholesalers. 100's Retail 8/- per unit plus 2/- P.T. Trade 72/- per dozen plus P.T.  
 An attractive showcard and counter literature are available on request from sole distributors:

**TAMPAX LTD.**

Sales Office: 110 JERMYN STREET, LONDON, S.W.1  
 Retail Trade supplied through Wholesalers only.

# Advertising creates demand..

## Mad dog bites 2

## RESULTS

### Lingfield

### Greyhound hints

A wonderful CONDITIONER for  
PARCHED HAIR...

## Bristow's LANOLIN CREAM SHAMPOO

### THE HAIRDRESSER'S STORY!

IN CIRCLES ONE  
MADAM HAS  
PRETTY HAIR—BUT  
HARDENED & DULL!

IN CIRCLES TWO  
MADAM IS  
REALLY HAPPY—BUT  
A LITTLE HARD TO BEEN  
BUT VERY NOT  
WITH A LITTLE  
GLAMOUR!

IN CIRCLES THREE  
MADAM IS SURPRISED  
GLAMOROUS  
BUT NO  
SHINE,  
NO LUSTRE!

THE LITTLE LADY  
IN CIRCLES FOUR  
HAD BABY-FINE  
HAIR—BUT DROOPED IN  
A MOMENT! GAVE  
THE HAIRDRESSER  
THE CONDITION  
THEIR HAIR AND  
GAVE IT LUSTRE!

For the greater beauty of your hair, here is a LANOLIN Shampoo to condition as it cleanses. Use it tonight—and every shampoo night. Notice how each hair-strand is left glossy, clean and healthy. Delight in its amazing manageability. Feel proud that your hair looks richer and more colourful. All Hairdressers know the value of LANOLIN to PARCHED HAIR... they know that it helps the hair regain its lustre and vitality, and have congratulated us on the inclusion of this precious ingredient in a Cream Shampoo.

From all Chemists  
and Stores  
1/9d  
a large tube



T. F. Bristow & Co. Ltd., Boston Manor Road, Brentford, Middlesex.

## Bristow's LANOLIN SHAMPOO ensures repeat sales!

Large space Advertising in the National Press—and constant reiteration of the LANOLIN STORY in the Women's Magazines—is establishing this excellent Shampoo as a conditioner for Parched Hair. Be sure to show it on your counter.

TRADE TERMS: STANDARD TUBE for retail sale—1/9 a tube.  
Trade Price 11/6 a dozen plus purchase tax at 33 1/3%

T. BRISTOW & CO. LTD., BOSTON MANOR ROAD, BRENTFORD, MIDDLESEX.

T.9

# Blue Orchid Perfume



*Created by*  
**Delavelle**

Price list showing profitable quantity discounts on this quick selling Series will be sent on application to:-

**Delavelle**

ESTABLISHED 1880

38/46 ORSMAN ROAD, LONDON, N.1  
Telephone No. Clerkenwell 6066

Sole Agents in Northern Ireland:  
JAY-BEE PRODUCTS (BELFAST) LTD.  
7-13 Fleming Street, Belfast



Chemists everywhere are discovering the double benefit of recommending **AURORAL DYES** . . . quick, profitable turnover and satisfied customers who buy again.

Less 5%  
for cash  
in 7 days

## **AURORAL**

Cold Water Dyes  
48/- gross. Retail 6d. per box

## **WINNER**

Home and Stocking Dyes  
24/- gross. Retail 3d. per box

**WHITAKERS' OF KENDAL**

*At your service  
for*

**PROPRIETARY ARTICLE  
PHARMACEUTICAL PREPARATIONS  
DRUGGISTS' SUNDRIES  
DRESSINGS**

**N. & M. GOULD LTD**

Wholesale Chemists' and Druggists'  
Sundriesmen

62, 64, 66, STONEY LANE

LONDON, E.C.3



Bishopsgate 1172-3-4 **PAT**



## FOREMOST *in* DIABETES

The name "diabetes" was first used in medicine by Aretæus of Cappadocia, nearly two thousand years ago. The brand name 'Wellcome', applied to insulins, is today accepted as a mark of excellence by all who dispense or prescribe for the disease. Whichever type of insulin you are asked to supply, a 'Wellcome' brand preparation is available.

*Insulin* (UNMODIFIED OR SOLUBLE)

**WELLCOME**<sup>BRAND</sup> *Globin Insulin* (WITH ZINC)

*Protamine Zinc Insulin*

BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON



# HORMONES

## Complete Range of Standardised Hormone Products

### OESTROGENIC

Œstrone B.P. . . . . MENFORMIN  
 Œstradiol Benzoate B.P. . . DIMENFORMIN  
 Œstradiol Dipropionate B.P. . Do. DIPROPIONATE  
 Ethinyl Œstradiol . . . . . LYNOL

### ANDROGENIC

Testosterone & its propionate B.P. . NEO-HOMBRON  
 Methyltestosterone B.P. . . NEO-HOMBREOLIN

### PROGESTOGENIC

Progesterone B.P. . . . . PROGESTIN  
 Ethisterone B.P. . . . . PROGESTON

### ADRENAL CORTEX HORMONE

Deoxycorticosterone acetate B.P. . . . . DOCA

### GONADOTROPHIC

Chorionic Gonadotrophin B.P. . . . . PREGNOL  
 Serum Gonadotrophin B.P. . . . . GESOL

### THYRO- GONADOTROPHIC

Extract of Anterior Pituitary . . . . . AMBINOL

Available in all appropriate Pharmaceutical forms and strengths

Price  
List  
on  
request



**ORGANON LABORATORIES LTD.**

BRETENHAM HOUSE, LONDON, W. 2

TEMPLE BAR 6785/6/7. 0251/2.

MENFORMON, RAND, LON



The

# CHEMIST AND DRUGGIST

RETAILER—WHOLESALE—MANUFACTURER

JUNE 4, 1949

Published weekly at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Estrand, London."

Price 1/- each. Annual subscription, which includes *The Chemist and Druggist Diary and Year Book*, 30/-

## CONTENTS

Volume CLI

N 615			
Business ...	...	730	Notes on Some Appliances ...
Each Letter-headings ...	...	760	Opening of Nickell Laboratories of
Business Changes ...	...	735	Monsanto Chemicals, Ltd. ...
Company News ...	...	732	Overseas News ...
Correspondence ...	...	755	P.A.T.A. ...
Deaths ...	...	730	Personalities ...
Editorial Articles:—			Pharmaceutical Committee Repre-
Atmospherics ...	...	747	sentatives Discuss Pricing ...
Trade with India ...	...	748	Pharmaceutical Society of Northern
Flexible Packaging Materials ...	...	745	Ireland:—Council Meeting ...
Investments ...	...	730	Sensitisation of Dyestuff ...
Local News ...	...	728	Stock Exchange Prices ...
Local Industry in Cornwall ...	...	744	The Week in Parliament ...
Local Reports ...	...	733	Topical Reflections ...
Local News ...	...	727	Trade Marks ...
Local Abstracts ...	...	738	Trade Notes ...
Notes of the Week ...	...	725	Trade Report ...

## NEWS OF THE WEEK

**Statutory Committee.**—After the Statutory Committee of the Pharmaceutical Society had heard both sides in the re-inquiry on June 1 into the advertisement of dispensing services, the chairman announced that no action would be taken by the Committee. The proceedings of the committee will be given in greater detail next week.

**Investigation of Food Poisoning.**—The Ministry of Health has sent to local medical officers of health in England and Wales a memorandum ("Food Poisoning," H.M. Stationery Office, price threepence) on which to be taken in investigating illness suspected to have been caused by food.

**Society's Officers Re-elected.**—At a meeting of the Council of the Pharmaceutical Society of Great Britain on June 1, the following officers were unanimously re-elected:—*President*, Mr. H. C. Shaw (proposed by Mr. W. J. Tristram and seconded by Mr. J. K. Irvine); *Vice-president*, Mr. McNeal (proposed by Mr. H. M. Tristram and seconded by Mr. Granville); *Treasurer*, Mr. W. S. Howells.

**N.A.W.P. Officers.**—The following officers of the National Association of Women Pharmacists have been elected for 1949-50:—*President*, Miss E. F. Hayward; *Vice-president and Employment Secretary*, Miss E. M. E. Brighton, The Moat, Sandy Lodge Road, Moor Park, Rickmansworth, Herts; *Treasurer*, Miss D. I. Morgan; *Registrar*, Mrs. A. Purdue; *Secretary*, Miss M. Lloyd, 7 Meredyth Road, London, S.W.13.

**Streptomycin and Insulin for Germany.**—The Imports Advisory Committee for the Western Zones of Germany announced on May 27 that licences would be granted for the following to be imported into the Western Zones:—

**Streptomycin:** (a) in vials of 1 gm., £11,250 worth; (b) in vials of 5 gm., £3,000 worth; dihydrostreptomycin in vials of 1 gm., £2,500 worth;

**Insulin:** (a) in vials of 10 c.c., 400 units per c.c., £10,250 worth; (b) protamine zinc, in vials of 10 c.c., 400 units per c.c., £1,000 worth; (c) crystalline, minimum strength of 27.0 units per mgm., £35,000 worth.

**New Molasses Order.**—The Board of Trade has made a new order (the Molasses Order 1949, S.I. 1949, No. 1001) which supersedes the Molasses and Industrial Alcohol Order, 1946 as amended, and applies only to molasses. Undenatured alcohol, acetic acid and anhydride, and butyl alcohol are, therefore, no longer controlled.

**Mauve Insurance Cards.**—The Ministry of National Insurance reminds employers that mauve National Insurance cards marked with the letter "B" printed on the front page above the period of currency, finish on June 5 and should be exchanged for new cards not later than June 11. Employers are asked to take or send cards of their staff with their own cards, if mauve, all together to a local National Insurance Office between June 7 and 11.

**Public Pharmacists' Council.**—The following members have been elected to the Council of the Guild of Public Pharmacists:—*Ordinary council members:* Miss M. C. Islip, Messrs. E. W. Barstow, G. Bryan, D. H. S. Cox, R. H. Henriksen, J. Barclay Hough, J. B. Lloyd, J. Moore, A. G. Shaw, and J. H. Wood. *District members:* Scottish, Mr. D. Currie; South-western, Mr. E. T. Griffiths; North-western, Mr. A. M. Mees; North-Eastern, Mr. A. N. Stephenson; Midland, Mr. P. Crees; and South-eastern, Messrs. W. H. Boorman and S. Powlson.

**South Africa to Cut Imports.**—It was announced in Cape Town on May 23 that no goods may be imported into the Union after June 30 except on production to the Department of Customs and Excise of a permit issued by the South African Ministry of Economic Affairs. Certain exceptions are to be made, viz.: no import permits will be required in respect of (1) goods shipped from sterling countries on or before June 13 (date of shipment to be substantiated by an onboard bill of lading or a postal receipt) and (2) goods arriving from non-sterling countries, the importation of which has been authorised in terms of the present exchange quota regulations. In this latter connection a proviso will be made that goods must have been ordered and confirmed before the last day of June.

**Crop Pest Warnings.**—The Ministry of Agriculture and Fisheries points out that counts of overwintering eggs of the black aphid (blackfly) of beans and sugar beet

on spindle trees during the past showed that in most parts of the the numbers were again relatively. Growers are advised to watch for infestations in sugar beet, mangold beans and to apply control measures serious damage has been done. Tlger of infestation of potato crops in with the Colorado beetle is also. Eradication depends on prompt action the Ministry appeals for immediate of any discovery. Any red or redd low grub or yellow striped beetle fo potato leaves or among vegetables be suspect, and specimens should b preferably with a piece of potato a tin box with no holes, to the Min Agriculture, Plant Pathology Labo Milton Road, Harpenden, Herts, letter stating place where found name and address of the finder.

**New Biological Standards.**—At a meeting of the World Health Organisation Expert Committee on Biological Standardisation in London, recently, international standards were approved for vitamin D<sub>3</sub>, vitamin A acetate, streptomycin and A and B blood groups. It was decided to unify the international American units for tetanus antitoxin and to withdraw the standards for oestradiol monobenzoate as those pounds were now prepared chemically. As the stock of the international standard for penicillin was running low, the committee decided to procure a preparation of pure penicillin G to serve as the international standard for penicillin. It recommended that an international standard for streptomycin, a reference preparation for dihydrostreptomycin, and minimum requirements for the potent smallpox vaccines should be established. It was agreed to request facilities from the Government of India for testing the efficacy of various vaccines against smallpox isolated from fresh smallpox cases in India. The Committee further recommended that an international standard for vitamin B<sub>12</sub> be established, and, at the request of the United Nations International Children's Emergency Fund, established facilities for laboratories engaged in the preparation of BCG vaccine. The committee noted that the Institut Pasteur in Paris was now ready to serve as a world centre for the preparation and distribution of BCG cultures for the production of the vaccine.

## LOCAL NEWS

**Oldham Display Competition.**—Bradford (Chemists), Ltd., 193, Huddersfield Lanes, were the winners in the juniors' section of a window-dressing competition organised recently in connection with the Oldham centenary celebra-

**Prizes for Display Students.**—Four employees of Boots, Ltd., received books at the distribution of certificates and prizes to display students at the Liverpool School of Pharmacy, held on May 26. An exhibition of students' work included two displays of cosmetics and pharmaceutical preparations.

**Chemists' Golf at Ryton.**—The Northland and Durham Chemists' Golfing Society held a bogey competition at Ryton on May 25. The Ayrton and Saunders cup was won by Mr. H. T. K. Anderson, Middlesbrough, Sunderland, and the UCAL Tankard by Mr. D. Taylor. The cup was presented to Mr. Anderson by the captain (Mr. W. Mills).

**Oldham Pricing Resolution.**—At its annual meeting held recently, the Oldham Branch of the National Pharmaceutical Society unanimously passed a resolution endorsing that "the Ministry of Health approve the methods adopted by the Lancashire Pricing Bureau (Preston) and extend them to other bureaux so that the programme in full can be carried out."

**Company Celebration.**—About 140 employees of Hirst, Brooke & Hirst, Ltd., were the guests of Mr. Geoffrey Hirst at a dinner held on May 27 to celebrate the company's recent merger (see *C. & D.*, May 2, p. 422). Mr. Hirst, who said that, at the end of March, 25 per cent. of the company's employees had become shareholders, presented free ordinary shares to members with over forty years' service. Mr. Kier (the company's representative in Yorkshire), with fifty-four years' service, received 540 shares.

**Scottish Chemists' Bowls.**—The annual bowling competition between Edinburgh and Glasgow chemists for the Cross Medallion was held at Wellpark, Glasgow, on May 25. The result was a victory for Glasgow by five shots. Prizes for the highest rink (donated by Lister & Moyes, Ltd., Glasgow), were won by Messrs. W. J. Moffat, D. Black, J. Murdoch and J. W. Logan (skip), Glasgow. Prizes for the best Edinburgh rink were won by Messrs. B. M.

Bowden, R. M. Park, J. E. Budge and P. Nisbet (skip). Arrangements for the game were made by Mr. W. S. Peebles (Glasgow secretary).

**Somerset Annual Meetings.**—At the annual meetings of the Somerset Branches of the Pharmaceutical Society and of the National Pharmaceutical Union, at Yeovil, recently, the following officers were elected: *Chairman, Pharmaceutical Society Branch*, Mr. W. Deacon; *Chairman, N.P.U. Branch*, Mr. C. B. Gosling; *Treasurer (both Branches)*, Mr. A. C. Blackburn; *Secretary (both Branches)*, Mr. H. M. Lovell, 38 St. James Street, Weston-super-Mare; *Assistant Secretary (both Branches)*, Mr. J. S. Clarke. In a discussion that followed the Society's Branch meeting a resolution was passed unanimously urging that recognition should not be given to technical assistants in pharmacy.

**Bristol Design Week.**—Bristol shops and stores are arranging special displays for "Design Week, Bristol," which is being organised, June 13-18, by the Council of Industrial Design. The week's programme includes a tea party for retail managers on June 14 and a film show for retail staffs on June 15, at each of which short talks are to be given by Miss Jean Stewart (the Council's retail officer). "Design Fair," a travelling exhibition intended to illustrate the importance of good design in everyday articles, is to visit the City Art Gallery, Queen's Road, Bristol, June 13—July 2. Gillette Industries, Ltd., Great West Road, Isleworth, Middlesex, are organising a window display competition for dealers within the city boundary.

**Manufacturers' Staff Outings.**—The employees of F. W. Hampshire & Co., Ltd., manufacturing chemists, Derby, were the guests of the management on an outing to Blackpool recently.—The directors and staff of James Burrough, Ltd., Cale Distillery, London, S.E.11, held their annual outing on May 28 to Margate. Mr. E. J. Burrough presided at luncheon and "The Company" was proposed by Mr. J. Scott.—The annual staff outing of William Martindale Wholesale, Ltd., London, W.1, held on May 29, took the form of a coach visit to Brighton.—Two special express trains carried 850 employees of The British Drug Houses, Ltd., and their families to Clacton-on-Sea on May 28 for the company's annual "beanfeast." After lunch, Mr. T. Giles, on behalf of the employees,

proposed "The Company," and the managing director (Mr. G. F. Williams), replying, welcomed more than sixty-five of the company's pensioners who had been able to make the journey. An afternoon entertainment was followed by a tea-dance, and in the evening, a sing-song, before the party entrained for the return journey to London.

## LOCAL OFFICERS

THE following officers of local branches of the Pharmaceutical Society, etc., have recently been elected or re-elected:—

**Nottingham.**—*Chairman*, Miss G. M. Watson; *Vice-chairman*, Mr. D. E. Sparshott; *Treasurer*, Mr. W. G. Hollis; *Secretary*, Mr. W. E. Newbold, 2 Chapel Bar, Nottingham.

**Exeter.**—*Chairman*, Mr. P. M. Smith; *Vice-chairman*, Mr. J. J. Leonard; *Treasurer*, Mr. R. H. Trickey; *Social Secretary*, Mr. M. D. Scott; *Secretary*, Mr. W. M. Boorne, c/o Evans, Gadd & Co., Ltd., 10 Smythen Street, Exeter.

**North London Association and Branch.**—*Chairman and President*, Mr. A. Aldington; *Vice-chairman and Vice-president*, Mr. L. G. Tranent; *Treasurer*, Mr. A. W. Leaversuch; *Secretary*, Mr. A. E. Footitt, 5 Mountgrace Road, Potters Bar.

**Birkenhead Association.**—The following officers were elected at the annual meeting of the Birkenhead and Wirral Pharmacists' Association recently: *President*, Mr. F. J. Nichols; *President-elect*, Mr. J. A. Dewar; *Treasurer*, Mr. C. H. Crawshaw; *Secretary*, Mr. R. G. Collins, 53 Christchurch Road, Oxtown, Birkenhead; *Social Secretary*, Mr. J. W. Waterworth.

**Leeds N.P.U. Branch.**—At the annual meeting of the Leeds Branch of the National Pharmaceutical Union on May 16, the following officers were elected:—*Chairman*, Mr. A. L. Peters; *Chairman-elect*, Mr. J. Schofield; *Vice-chairman*, Mr. F. A. A. Jones; *Treasurer*, Mr. F. J. Carr; *Secretary*, Mr. F. Mitchell, 88 Stoney Rock Lane, Leeds, 9.

**Wembley Chemists' Association.**—*President*, Mr. Evan C. Meredith; *Vice-president and Social Secretary*, Mr. J. K. Westerman; *Treasurer*, Mr. James Cooper; *National Pharmaceutical Union Branch Secretary*, Mr. A. J. Paterson, 11 Goose Acre Parade, Kenton; *Association Secretary*, Mr. Frank E. Dee, 124 Slough Lane, London. N.W.9.

## OVERSEAS NEWS

### Higher Duty for Indian Imports.

Government of India is to levy increased rates of protective duty on sodium sulphite and thiosulphate.

**New Malta Industries.**—It is announced that refineries for linseed edible oils are to be set up in Malta in 1949.

### Jugo-Slavia Ratifies Convention

Jugo-Slavia recently ratified the national Drug Control Convention a protocol subjecting to international control drugs not covered by the Convention in 1931.

### Hungarian Chemical Production.

Hungarian chemical industry is expected to turn out products to the value 3,000,000,000 forints in 1949, which would represent an increase of 15 per cent. over the 1947 output.

**Israel's Health Plans.**—A subcommittee of the Cabinet of the Government of Israel is working on draft proposals for health schemes with the aim of including all citizens of the country in a central health service.

**New Trade Agreements.**—Trade agreements involving chemicals have been recently concluded between Portugal and Western Germany, Iran and Western Germany (Western Germany to supply chemicals, etc.); Israel and Poland (Israel to supply chemicals, olive oil, etc.); France and Austria (France to supply chemical products, etc.).

## IRISH NEWS

**Wexford Meeting.**—The County Wexford Chemists' Association organised a meeting of chemists at Enniscorthy recently. Mr. A. Thornton was in the chair and the Irish Drug Association was represented by Mr. Brendan Smith (representative). Matters raised included the contribution by some manufacturers of primary lines to non-chemist traders, although the same makers' B.P. and ethical preparations were confined to chemists to protect their goodwill. There was a discussion on the operation of the 1908 Poisons Act and at the close it was decided to ascertain the name and number of poisons covered by the Act. Mr. P. Brooke-Kelly raised the question of the retail price of some and pointed out that in some instances there was little margin of profit.

## TOPICAL REFLECTIONS

### Heads and Tails

Old, dreary disputes about payment for contract dispensing, so familiar in 1915 and occasionally since, have begun again. The present system, like some predecessors, appears to be based on the principle of heads I win, tails you lose. As the planners of the first National Health Insurance Act adopted a too sanguine estimate of the cost, so the promoters of the National Health Service Act have allowed themselves to believe that its saving expenses would be less than they have turned out to be. And now a pressing need for economy is resulting in cheese-paring; as usual, one of the weakest points of contractors is to be among the first to feel the impact of the process. Protracted delay in pricing would have prevented had the Ministry of Health exercised the foresight expected of a prescient being a virtue not much esteemed (so far as indications afford) in official circles, the depressing effect of over averaging is the result. Your correspondence section is giving proof of indignation justly felt by contracting pharmacists. The latest addition to this list is the proposal (p.703) that delivery for containers be reintroduced, or at least that the present allowance be reduced by 50 per cent. It will be better, I think, to suffer the proposed reduction than to return to the discredited system of the 1930s, the worry of which was serious. But is there no third course?

### A Cellany of Speeches

At the annual meeting of the Pharmaceutical Society, with its extension known as the Branch Representatives' meeting, it is to be settling into a pattern under the policy of merging the two into a sort of combined operation. On pp. 707-14 you have given an excellent report—the best, I think, for being condensed—of what was said in discussions at both these meetings last month. The immaturity of a lot of the speeches need not be dismissed as an off-hand joke. Every unpractised speaker has to make a beginning, and he should find, effectiveness growing by practice. For my present purpose I regard the two meetings as one. The report of the president of the Society about future accommodation for the library and museum will, I trust, be borne in mind. Both are important features of

the routine work at headquarters, and whoever is entrusted with the selection of new premises in London should insist on these departments being comfortably placed. Mr. H. S. Grainger's remark on the "dichotomy" in pharmaceutical education fails to cause even a mild shock in at least one of your readers. While agreeing with him that aspirants to academic distinction will do best by obtaining a university degree, I may point out that two qualifications, a higher and a lower, have long been the rule in Great Britain, and I see nothing derogatory to British pharmacy in that fact. My remarks on the educational policy of the Council, and its effect on recruitment, have been too recently made to need repetition now.

### Divergent Opinions

The frequency of voting during this meeting of the Branch Representatives is a healthy sign of freedom to express opinions and to act upon them. Here I have space for only two more subjects. A reading of the discussion on the term "qualified supervision" leads me to ally myself with the minority who voted against so defining the term that no pharmacist shall be allowed to supervise the work of more than two unqualified assistants. Not only is the proposal, as one speaker pointed out, impracticable "at present and for some years to come"; it is also contrary to experience. A case could be put up for the statement that a pharmacist who cannot supervise more than two unqualified assistants cannot supervise one efficiently. How many of those who voted in favour of the proposed limitation have worked in a shop where several assistants, qualified and unqualified, were employed? The remarks on stationery and printing seem rather of the nature of small beer; yet the subject was worth raising. The idea of having branch printing done through the Society's headquarters should, I submit, be ruled out absolutely. The delays and complications entailed by that policy would be exasperating. Certain classes of stationery might with advantage be purchased in bulk in selected centres and distributed to branches; a saving in cost would no doubt result. To this brief reference should be added an appreciation of the public spirit of those members who attended and spoke at the meetings, in some cases at personal inconvenience.

**Xrayser**

## BIRTHS

**BEE.**—At 5A Loudoun Street, Mauchline, Ayr, on May 24. Marjory (née Amos), the wife of William Bee, M.P.S., 44 Huddersfield Street, Galashiels, of a daughter.

**MUNRO.**—At Rubislaw nursing home, Aberdeen, on May 17. Isabel, the wife of James S. Munro, M.P.S., 27 Albyn Grove, Aberdeen, of a son.

## DEATHS

**BRIGHAM.**—On April 9, Mr. Stephen Wilson Brigham, 14 Leeds Road, Windhill Bridge, Shipley, Yorks. Mr. Brigham qualified in 1930.

**CAIRNS.**—On April 17, Mr. John Cairns, 47 High Street, Findon, Worthing, formerly of Claybury, Woodford Bridge, aged seventy-five. Mr. Claybury qualified as a chemist and druggist in 1897.

**DRUMMOND.**—At Green Gates, Gibson Street, Dumbarton, suddenly on May 24, Mr. John Drummond, M.P.S., 88 High Street, Dumbarton. Mr. Drummond qualified in 1913.

**HOWELL.**—On May 7, Mr. Ewart Taylor Howell, M.P.S., 374 Brockley Road, Crofton Park, London, S.E.4, aged forty-nine.

**LEVER.**—In hospital at Minneapolis, U.S.A., on May 27, the Rt. Hon. Sir William Lever, second Viscount Leverhulme, governor of Lever Bros., Ltd., and of Unilever, Ltd., aged sixty-one. Lord Leverhulme was the only child of the first viscount, the founder of Lever Bros., Ltd. Educated at Eton and Cambridge, he took his degree in 1909 and his M.A. in 1913. He then began work with the company, starting as a labourer among the soap vats at Port Sunlight. In 1923 he served as High Sheriff of Cheshire. Lord Leverhulme was president of the London Chamber of Commerce, 1931-34, and in 1931 was president of the Advertising Association. He served as president of the Institution of Chemical Engineers, 1932-34, and of the Society of Chemical Industry, 1936-38. In 1936 he was instrumental in forming the British Management Council and was a member of the Board of Trade committee that recommended the formation of the British Institute of Management, opened in 1948. He was president of the International Management Congress, Washington, 1938,

**MASON.**—On May 9, Mr. John Erick Mason, M.P.S., whose address the register was 202 High Road, Loughborough, W.4, aged sixty. Mr. Mason, who was formerly manager for nearly eight years of Churchills Chemists, Ltd., which had recently assumed the managership of Strode & Co., Ltd., London, W.12. He was taken ill at the shop and died at Harlow Hospital shortly after his admission.

**PEARSON.**—On May 13, Mr. John Pearson, St. Kitts, York Road, Llandudno, aged seventy-eight. Mr. Pearson, qualified in 1897, was for many years with Boots, Ltd., Buxton, Derbys.

**RAWLINS.**—At University College Hospital, London, on May 30, Mr. Thomas Rawlins, M.P.S. (a partner in Williams & Peters, 165 Fortress Road, N.W.5), aged seventy. With his partner Mr. F. Peckham, M.P.S., Mr. Williams had been in business at that address for fifty-two years.

## INQUESTS

**Allergic to New Drug?**—An inquest was held at Mexborough, Yorks, recently, on a forty-two-year-old man who died after an operation during which he had received C.10. A doctor said in evidence that she could only account for the case on the assumption that the patient was allergic to the drug. Two doses of an antidote had been administered, but a marked fall in blood pressure had occurred. A verdict of death by misadventure was returned.

**Dicoumarol Warning.**—At an inquest at Battersea, London, recently, on a seventy-year-old woman who had died through hæmorrhage following an overdose of dicoumarol, the doctor who had prescribed the drug said that he had ordered the dose suggested by the manufacturer and endorsed by a medical authority. He did not remember any warning of the dangers of the drug in reference books. The coroner said the facts of the administration of the drug should be made widely known as possible, and that the attention of the manufacturers should be drawn to the case. It was easy for a conscientious doctor following the directions to bring about such a result. A pathologist stated that dosage should be controlled by daily examination of the blood. A verdict of death from misadventure was recorded, the coroner adding that the decision to use the drug was "wise and correct".

## PERSONALITIES

**D. S. EVANS, M.P.S.**, Goodwick, Pembrokeshire, has been elected chairman of the Goodwick Urban Council and Goodwick Urban Council.

**H. LISS** (managing director of the group of companies) has been installed master of the Aspiration Lodge of Masons.

**R. L. TAYLOR**, the newly appointed chairman of the Association of British Pharmaceutical Industry, is sales director of Johnsons of Hendon, Ltd. He has been associated with the organisation since its formation in 1930, and has served on its council for fifteen years. Mr. Taylor is also chairman of the Association of Manufacturers and Suppliers for the Graphic Arts, and

of the Hendon Chamber of Commerce. He takes a keen interest in the work of the Institute of British Photographers, the Photographic Dealers' Association, and the Photo Photo Finishers' Association.

**GEORGE MALCOLM**, a founder-director of Britton, Malcolm & Co., Ltd., is in hospital as a result of a breakdown in health. The company, on Mr. Malcolm's behalf, wishes to thank his many friends for their inquiries and good wishes.

**S. J. RELPH, Ph.C.** (secretary, British Pharmaceutical Students' Association) is to read a paper on "Pharmaceutical Education in Great Britain" at a conference of Scandinavian pharmaceutical students to be held in Copenhagen, during the period June 5-8.

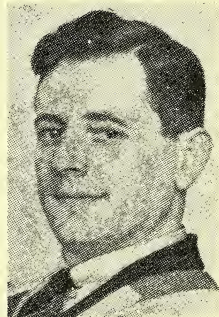
**F. J. NICHOLS, M.P.S.**, the newly elected president of the Birkenhead and Wirral Pharmacists' Association and Chairman of the Pharmaceutical Society, has been in business in Birkenhead since 1933, and took over the business of the late Mr. A. Elder, Ph.C., with whom he was associated. Mr. Nichols qualified from the Liverpool School of Pharmacy in 1932, obtained further retail experience with Mr. H. L. Gerry, M.P.S., Chester. Committee member for many years, Mr.

Nichols was the local secretary during the years 1938-40, and is at present a member of the Birkenhead Pharmaceutical Committee.

**MR. C. B. GOSLING, M.P.S.**, who has been elected to a second term of office as chairman of the Somerset Branch of the National Pharmaceutical Union has been in business in Yeovil since 1946. He was previously in business in South-west London. A founder member of the Wembley Chemists' Association, he was chairman in 1938 of the Wembley Branches of the Pharmaceutical Society and National Pharmaceutical Union. After an apprenticeship in Coleford, Glos, he qualified in 1928 from the London College of Pharmacy, and later served for two years as an assistant pharmacist at St. Bartholomew's Hospital, London. He is a member of the Somerset Pharmaceutical and Pharmaceutical Services Committees.

**MR. J. M. ROWSON, Ph.D., M.Sc., Ph.C.**, who has been appointed curator of the Pharmaceutical Society's museum, has been head of the Pharmacy Department of the Sunderland Technical College since 1944, and is a member of the society's board of examiners for England and Wales. Appointed in retail pharmacy in Louth, Lincs, Dr. Rowson was the

Fairchild scholar in 1932. He qualified as a chemist and druggist in 1933, and as a Pharmaceutical Chemist three years later. Dr. Rowson, who holds B.Sc., M.Sc., and Ph.D. degrees in pharmacy from Manchester University, studied in the Honours School of Botany at the University with the aim of equipping himself for pharmacognostical research. He has also taken a B.Sc. (special) in botany at London University. His published work deals with the evaluation of tragacanth, the estimation of solanaceous alkaloids, stomatal indices, and the arsenic contents of culinary herbs. He was formerly a demonstrator, and then assistant lecturer in pharmacy at the University of Manchester.



## NEW COMPANIES

SCIENTIFIC & MEDICAL GLASS CO. (KINGSBURY), LTD. (P.C.).—Capital £2,000. Edward G. Ambler and John Mackness, directors. R.O.: Jubilee Close, Townsend Lane, Kingsbury, Middlesex.

PHELAN & CO. (WATERFORD), LTD. (P.C.).—Registered in Dublin. Capital £1,000. To carry on the business of chemists, druggists, etc. Susan Phelan, Maurice Phelan, Michael Thompson and John A. Phelan, directors.

GRASSE, LTD. (P.C.).—Capital £1,000. To carry on the business of manufacturers of and dealers in perfumery and cosmetics, soaps, etc. John Vischer and Russell T. A. Northrop, directors. R.O.: 37 Elizabeth Street, London S.W.1.

CALDERWOOD PHARMACY, LTD. (P.C.).—Registered in Dublin. Capital £100. To carry on the business of chemists and druggists, etc. First directors are not named. Subscribers' address: 39 Westmoreland Street, Dublin.

MEISL EVANS KEITH, LTD. (P.C.).—Capital £10,000. To acquire the business of manufacturers of dyes, chemicals and raw materials carried on by Brit-Over, Ltd., and Joseph Meisl and Charles G. Meisl, at 27 Chancery Lane, London, W.C.2. Edward O. Toft, Joseph Meisl, Charles G. Meisl David Evans and Charles C. Keith, directors.

HERBERT EDWARD BROWN, LTD. (P.C.).—Capital £100. To carry on the business of manufacturers of and wholesale and retail dealers in and distributors of pharmaceutical and organic chemicals, permanent waving methods and preparations, cosmetics, etc. First directors are not named. R.O.: 4 Tokenhouse Buildings, King's Arms Yard, London, E.C.2.

GEORGE HINCHLIFFE, LTD. (P.C.).—Capital £12,000. To carry on the business of a wholesale, retail and manufacturing chemist at 104 King Street, Dukinfield, and at 1 Bow Street, Ashton-under-Lyne. George Hinchcliffe, M.P.S., Margaret Hinchcliffe, Frank P. R. Hinchcliffe and George A. Hinchcliffe, directors. R.O.: 104 King Street, Dukinfield.

## Company News

KEMP THORNE, PROSSER & CO.'S NEW ZEALAND DRUG CO., LTD.—Net profit for the year ended January 31, amounted to £88,491 against £82,847 in the previous year. A final dividend of 4½ per cent. (the same) has been paid, maintaining the dividend for the year at 8 per cent.

EVANS MEDICAL SUPPLIES, LTD.—Consolidated trading profit of the group, including one additional subsidiary company, amounts to £154,367. After providing £116,363 for debenture stock interest, annual depreciation, taxation, auditors' and directors' remuneration and minority interest, the balance available amounts to £38,004, to which is added £2,325, interest received on war damage claims. £12,000 is transferred to reserve (debenture stock redemption charge); special depreciation, £10,185. Final dividends are 4.023 per cent. (making 7.023 per cent.) and 7 per cent. (making 10 per cent.) on the preference and ordinary stocks, respectively.

ALBRIGHT AND WILSON, LTD.—At the fifty-second annual meeting of shareholders the chairman Kenneth H. Wilson said: "The profit of the before taxation, attributable to the share for the year 1948, amounted to £881,006, which is comparable with a profit of £8 for 1947. The capital expenditure of the in 1948 amounted to £753,055 and we are mitted to a very considerable expenditure current year. These commitments and the jected outlays on new schemes over the next or four years are estimated at a total of than £1,000,000 and the time has now when we must obtain more capital to finance expenditure. Accordingly, we are applying Capital Issues Committee for permission to £1,000,000 of Redeemable Cumulative Preference shares of £1 each."

IMPERIAL CHEMICAL INDUSTRIES, LTD. twenty-third annual general meeting of shareholders was held in London on Tuesday, May 31. The man, Lord McGowan, in the course of his said: "The output by volume in 1948 was double that of 1938" . . . "At over £13 millions the value of our direct exports in 1948 nearly four times that in 1938, and representing about 30 per cent. of our total sales." . . . company is now spending over £4,000,000 on research and development." On the of nationalisation Lord McGowan said: "At this stage there is no detailed comment make, except to say that at no time has the pany been unwilling to explain in the manner to the Government of the day its tions and its conduct. I can definitely state your board take the view that I.C.I. is an appropriate subject for nationalisation. assure you that the nationalisation of your co would generally be regarded by those with whom we trade and with whom we have joint maturing enterprises as a grave mistake in commercial policy, and, furthermore, as destructive of that goodwill and that co-operation which have been of so much benefit in the to both the country and this company. No would there be difficulties in maintaining currencies and, therefore, a loss of earning power in v foreign currencies, but countries which at buy chemicals from Britain would be encouraged to erect plants of their own, not necessarily British capital. Veiled threats of national even if they are not implemented, have a disturbing effect upon existing staff, and potential recruits to the staff. It is those m of the staff, and those recruits, who have in enterprise and ability, and to whom the co must look for its future management and dement, who fear most that, under nationalisation they would be inhibited and unable to a that enterprise which is so vital to a company this kind. I can hardly imagine anything damaging to the efforts at improving the ductive industry of this country and the export of its exports than this talk of nationalisation. Every member of your board is opposed to a policy, and they would take all proper steps to oppose the nationalisation of your company, attempt were ever made."

## LEGAL REPORTS

**Damages Claim Fails.**—At Leeds county court, recently, Mr. Harry Wade, M.P.S., of Bennell Road, Leeds, unsuccessfully sued the Leeds Corporation for damages arising from the flooding of his premises by sewer water. He claimed that the damage, agreed at £50, had been caused by a bad sewer connection. The judge held that the sewers had been efficiently constructed.

**Notice to Terminate Employment.**—At Clerkenwell county court, on May 25, Herbert Thompson, M.P.S., 47 Broadway, London, N.8, was sued by Miss Gertrude Farrer, a dispenser, 79 Whitechurch Gardens, Edgware, for £14 wages in lieu of notice. Mr. Registrar Friend expressed the view that a chemist of twenty years' experience had not seen the Pharmaceutical Society's document concerning employment customs in the trade. Miss Farrer was given judgment for that amount, with costs, said she was taken on by Mr. Thompson at his shop in April. On the Friday he gave her a week's notice. The custom of the trade, she said, was

for a month's notice, though she was claiming for only two weeks' wages in lieu of notice.

**Canvassing Doctor Struck Off.**—The General Medical Council, at a public hearing in London on May 26, directed that the name of Dr. Michael Ansal Wiseman, registered as of Oakfield Road, Didsbury, Manchester, should be erased from the medical register. The president (Sir Herbert L. Eason) announced that the Council had found him guilty of canvassing a number of patients of other doctors with a view to their becoming patients under the National Health Service Act. In relation to the facts so alleged he had been guilty of infamous conduct in a professional respect. The Medical Defence Union, who had brought the complaint, alleged that Dr. Wiseman had conducted a systematic campaign of canvassing patients on a new housing estate at Baguley, Wythenshaw, by introducing himself as "The doctor for the estate," and explaining he was nearer than their own doctor.

## THE WEEK IN PARLIAMENT

**MR. THORNTON-KEMSLEY** asked the Minister of Food on May 23 for an analysis of the allocations of refined sugar for manufacturing purposes according to end-product in 1947, 1948 and 1949. **MR. JOHN STACHEY** replied that figures for the first two years only were available—they would not know what the total allocations were in 1949 until the year was over. Among the figures he gave were medical preparations, 11,700 tons, 1947; 8,700 tons, 1948.

### N.S. Amendment Bill

In the second reading of the National Health Service Amendment Bill on May 2, **MR. HUGH N. LINSTEAD** said the Service would not function properly until the professions felt that they were in a position of parity and that instead of looking over their shoulders, wondering what was going to happen next, they could devote themselves wholeheartedly to their professional work. Speaking of the pharmaceutical service, he said that contractors to the service could be either individual firms or corporate bodies. The service itself, and the making up of the medicine, must be performed by a pharmacist. It was the desire of the Pharmaceutical Society and of pharmacists in general that the professional work who did the professional work should

share the responsibility of that work with his employer. At the moment the employer alone was liable for mistakes and accepted the responsibility. Under the optical service, where both the individual optician and also corporate bodies might be contractors, the responsibility of employer and employee was joint. The optician provided the service jointly with the limited company and shared the responsibility. He hoped to be able to move an amendment that would provide for the pharmaceutical service being placed on the same basis as the optical service on that point.

When **MR. ANEURIN BEVAN** wound up the debate, he stated that the administrative expenses of the National Health Service Act worked out at 2.3 per cent. of the total cost. Reductions had been made—or slight reductions would be made—in the remuneration of chemists, of opticians and of dentists. "To the extent that abuses exist in the Health Service, to the extent that it had been difficult to prevent them from arising, to the extent that there are faults, they arise directly from those parts of the Health Service that have to be articulated through private enterprise—opticians, dentists, chemists—but not much the chemists." The Bill was given a second reading.

## TRADE NOTES

**Distributors for S.W. England.**—J. R. Gibbs, Ltd., Manor Avenue, Paignton, South Devon, have been appointed area distributors for Radiol products in the South-western counties.

**New Size.**—A new cartoned aluminium pack has been added to the range of sizes of Cooltan toilet cream manufactured by Kathleen Court (England), Ltd., Thames Street, Hampton, Middlesex.

**Guide to B.P.**—A small number of copies of the B.D.H. Guide to the B.P., 1948, has been made available for distribution to pharmacists. Application should be made to The British Drug Houses, Ltd., Graham Street, London, N.1.

**Small Size Reintroduced.**—Thomas Harley, Ltd., Perth, state that they are now able to resume distribution of the small size of Rodine rat poison (phosphorus and red squill types). The product is issued in an aluminium container.

**Again in Supply.**—C. J. Hewlett & Son, Ltd., 35 Charlotte Road, London, E.C.2, announce that they are again able to supply mixtures Nos. M92 (Mist. bismuth. sed. co.) and M125 (Mist. pro diarrhoea infant.).

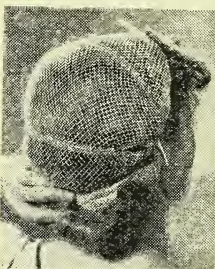
**Corrections to Advertised Prices.**—WESTMINSTER LABORATORIES, LTD., Chalcot Road, Regents Park, London, N.W.1, regret that the company's colour advertisement in the May 21 issue of THE CHEMIST AND DRUGGIST gave incorrect retail prices for Magsilate aspirin chewing sweet; the correct prices are 4d. and 1s. 10d. (including tax).

**Register of Chiropodists.**—The seventh edition (April 1949) of the National Register of Medical Auxiliary Services—Chiropodists has been issued by the Board of Registration of Medical Auxiliaries, B.M.A. House, Tavistock Square, London, W.C.1. Copies are available free to medical practitioners, hospitals, local authorities, etc., on application to the registrar of the Board.

**Penicillin Styptic Powder.**—Allen & Hanburys, Ltd., Bethnal Green, London, E.2, have introduced a penicillin styptic powder to provide surgeons and dentists with a readily applied alginate styptic incorporating the antibacterial properties of penicillin. The product is presented in special 2-gm. aluminium tube containers

to facilitate application to minor wounds and dental sockets. Each gm. contains 20,000 i.u. penicillin calcium salt.

**Panelled Hair-net.**—The P5 panelled sleeping-net illustrated is



by Raywarp Tiles, Ltd., Al Street North, tingham. The has three elastic serts forming sections or panels that hold the net firmly in place. The P5 may be washed repeatedly and is self-adjusting and fits all styles. When all the panels

needed, the one nearest the neck is tucked in. The nets are presented in transparent sachets, packed in one-dozen display boxes either assorted (peach, sky and apple) in single shades.

**Distribution Change.**—As a consequence of the recently announced acquisition of the Beecham Group, Ltd., of the share capital of Drugs, Ltd., the distribution of Silvikrin products and Kent is being taken over by Prichard & Constance (M) Ltd. From July 1, orders for Silvixilvixif and Kent should be sent to Messrs Prichard & Constance at North Circular Road, N.W.10. The name Drugs, Ltd. has been changed to Silvikrin Laboratories, Ltd.

**Televised Talk on Perfumery.**—Polak & Schwarz (England), Ltd., 50 Great Cambridge Road, Enfield, Middlesex, state that Messrs. Polak & Schwarz participated in an experimental broadcast produced at the Philips' Experimental Television Physical Laboratory at Eindhoven, Holland, recently. About 10,000 spectators were present and the broadcast included a talk on perfumery, illustrated by experiments and with a display of raw materials.

**Bonus Offers.**—F. W. HAMPSHIRE CO., LTD., Sunnysdale, Derby, announce special bonus offers to all retailers and wholesalers of Snowfire face powder (6 doz. charged as ten); and a window display cash bonus offer applying to chemicals in retail business; particulars may be obtained from the company.—JOHNSON, JOHNSON (GREAT BRITAIN), LTD., Ba

Slough, Bucks, give details on an-  
page of this issue of a special dis-  
offer of Band-Aid first-aid dressings.

**Friday Closings.**—The following will  
be closed from Friday evening, June 3, to  
Friday morning, June 7: CIBA LABORA-  
& Co., LTD., Horsham, Sussex (works,  
and warehouses); GLAXO LABORA-  
& Co., LTD., Greenford, Middlesex (skele-  
ton for emergency orders on Saturday  
morning); SHARP & DOHME, LTD., Hoddes-  
don, W.6. HIRST, BROOKE & HIRST,  
Sheepscar Works Leeds, 7, are clos-  
ed from Friday evening, June 3, until Wednesday morn-  
ing, June 8.

**Improved Vacuum Flask.**—John F.  
Hirst, Ltd., 20 Story Street, London,  
offer a vacuum flask with patent rub-  
ber neck to protect the bottle if accident-  
ally overturned and to render it practic-  
ally unbreakable. The neck fits hermetically  
into the glass refill and thus prevents the  
leakage, when poured, from entering the  
inner outer and accumulating as a muddy  
rusty water. The large cup is shaped  
like a normal tea cup; it does not screw  
on to the flask but fits on to it by suction.  
The flask is available in red, orange,  
blue, green, yellow, maroon.

**General Home Catalogue.**—Distribu-  
tion was put in hand recently of a newly  
compiled home trade catalogue—the first  
since 1941—of the products of 'W. J. Bush  
& Co., Ltd., Ash Grove, Hackney, London,  
E. For convenience the list is divided  
into eight thumb-tabbed sections (includ-  
ing essential oils, fruit juices and concen-  
trates, synthetic chemicals and aromatics,  
perfumery products, and colours), and the  
pages are supplemented by information  
on the use of the materials. The book is  
on stiff boards, varnished for permanence.  
Copies are available to anyone in the  
trade who is interested, and sections only  
can be had if desired.

**New Ophthalmic Glass.**—Chance  
Optical, Ltd., 28 St. James's Square, Lon-  
don, S.W.1, announce the replacement of  
Chance Crookes' A1 ophthalmic glass by  
Chance Crookes' Alpha uranium-free  
ophthalmic glass. [The use of uranium for  
commercial purposes has been prohibited].  
Limited stocks of raw Crookes' A1 glass  
will continue to be available for some time  
but bulk supplies thereafter will  
be of a different tint. The makers state  
that the omission of uranium from the

glass in no way affects the ultra-violet  
absorbing properties that have been char-  
acteristic of Chance Crookes' glasses always.

## Proprietary Articles Trade Association

**Alterations to Protected List (Part 1).**—Eli Lilly  
& Co., Ltd., Retail prices in operation from June  
13: No. 1585, Cavalin tablets, 25-mgm., 100's  
30s. doz., 3s. 9d.; 500's, 126s. doz., 15s. 9d. No.  
1618, 50-mgm., 100's, 48s. doz., 6s.; 500's, 216 doz.,  
27s.; No. 1600, 100-mgm., 100's, 84s. doz.,  
10s. 6d.; 500's, 32s. 4d. each, 48s. 6d. (All exempt  
from tax).

**Portland Plastics, Ltd.** (distributors, Scott &  
Bowne, Ltd.).—Portex plastic skin, tube, 13s. 6d.  
doz., tax 33½ per cent., inclusive retail price  
1s. 10½d.; 27s. doz., tax 33½ per cent., i.r.p.  
3s. 9d.; 63s. doz., tax 33½ per cent., i.r.p. 8s. 9d.;  
hospital bottle, 189s. doz., tax 33½ per cent., i.r.p.  
26s. 3d. (Small size discontinued).

**Addition to List (Part 2).**—Osborne, Garrett &  
Co., Ltd., Estolan hair-conditioning cream, tube,  
12s. doz., tax 100 per cent., i.r.p. 2s. 6d.

**Alterations to List (Part 2).**—St. Andrew Mills,  
Ltd., Andrex toilet roll, 85s. 6d. gross, tax 33½  
per cent., i.r.p. 1s. Stanex toilet roll, 78s. 3d.  
gross, tax 33½ per cent., i.r.p. 11d.

**Henry C. Miner, Ltd.**, Miner's small stick make-  
up, 8s. 6d. doz., tax 100 per cent., i.r.p. 1s. 9d.

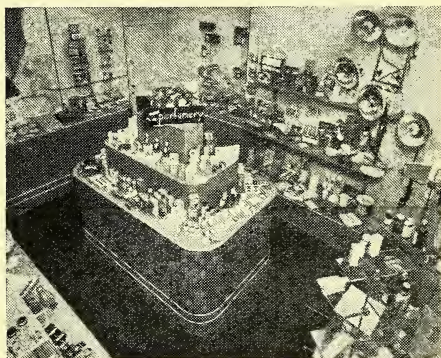
**Brand & Co., Ltd.**, canned baby foods, 5s. 8½d.  
doz., 7½d. (exempt from tax).

## BUSINESS CHANGES

MISS ELLEN RYAN, M.P.S.I., has opened a phar-  
macy at Mountown, Dun Laoghaire, co. Dublin.

MR. J. G. CATTO, M.P.S., has acquired a phar-  
macy at 9 Church Road, Hendon, London, N.W.4.  
[Corrected note.]

A. IBBETSON & Co., Ibco Works, Stevenage,  
Herts, have opened a new head office and ad-  
ditional works at River Road, Barking, Essex (Tele-  
phone: Rippleway 1188). All correspondence  
should be addressed to the company at Barking.



Showroom of Barclay & Sons, Ltd., 95 Farringdon  
Street, London, E.C.4, to which reference was  
made in these columns recently.

## NOTES ON SOME APPLIANCES

THE inclusion of hypodermic needles and syringes (for the self-administration of insulin and adrenaline), and of pessaries, in the list of appliances to be supplied on National Health Service prescriptions has caused pharmacists to handle an increased number of these requirements. As little collated information on them is available for pharmacists the following details have been prepared. For clarity notes are included on certain types of appliances not included in the N.H.S. "list of appliances" (S.I., 1949, No. 577).

### Needles

The gauge of hypodermic needles cannot be regarded as standard, and the numbers given to them are often arbitrary and do not bear any relation to wire gauge sizes. Hypodermic needles are normally numbered 1 to 20 but there are gaps in the range. Most British manufacturers supply in the following numbering: 1, 2, 12, 14, 15, 16, 17, 18, 19 and 20. The following table gives the approximate specifications for British-made needles:—

Hypodermic Gauge	Birmingham Wire Gauge	Diameter in mms.	Length in mms.
1	20-21	0.9-0.8	38-36
2	21-22	0.8-0.7	33-32
12	22-23	0.7-0.6	30-29
14	23	0.6	30-26
15	23	0.6	25-23
16	24-25	0.55-0.5	25-23
17	25	0.5	23-22
18	25-26	0.5-0.45	21-19
19	26	0.45	21-18
20	26	0.45	18-16

Serum needles have a separate series of numbering, and are gauged as shown in the following table:—

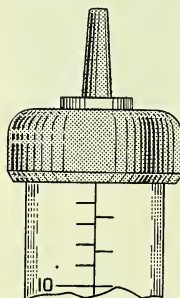
Serum Gauge	Birmingham Wire Gauge	Diameter in mms.	Length in mms.
O	17	1.45	50
I	18	1.25	50
II	19	1.10	50
III	20	0.9	50
IV	21	0.8	50
V	22	0.7	50
VI	23	0.6	50

Exploring needles are made to a specific gauge and length, and are usually specified in that way. Most manufacturers supply in all gauges from 20 to 14 B.W.G. in lengths of  $1\frac{1}{2}$  in., 2 in.,  $2\frac{1}{2}$  in., 3 in.,  $3\frac{1}{2}$  in. and 4 in.

Some manufacturers label their needles in Standard Wire Gauge (S.W.G.), but as the difference between this and the Birmingham Wire Gauge is minute, especially in the finer ranges, the terms may be regarded as synonymous.

### Mounts and Fittings

There are two regularly used standard syringe taper fittings:—(a) *Record* (most commonly used fitting); and (b) *Luer*. This is an American standard fitting which is rapidly becoming popular in Britain in all-glass syringes. It is recommended British Standard 1263:1946. The taper (see illustration below) is larger than the Record taper.



Record taper (left), and Luer taper, tapered approximately twice

### Hypodermic Syringes

The standard patterns of hypodermic syringes are made to the following specifications:—(a) *Record*—Glass barrel with metal piston and mounts and Record taper needle mount: Centre nozzle, 1 c.c., 2 c.c., 5 c.c., 10 c.c., 20 c.c.; and Eccentric nozzle, 5 c.c., 10 c.c., 20 c.c. (b) *Luer*—Glass, with Luer or Record taper needle mount: Centre nozzle, 1 c.c., 2 c.c., 5 c.c., 10 c.c., 20 c.c. Eccentric nozzle, 5 c.c., 10 c.c., 20 c.c. All of these syringes are calibrated in c.c. (c) *Insulin* syringes are normally of the Record pattern and are calibrated in 1 c.c., 20 units, and 40 units. Some have double graduations, e.g., 20 unit/40 unit per c.c.

### Pessaries

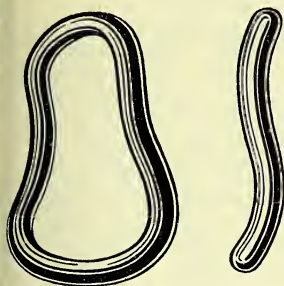
The pessary appliances most commonly used are described below:—

(a) Watch-spring pessaries (made thick and thin types) are composed of rubber and contain a concealed watch-spring. They are numbered normally from 1 to 16. No. 1 is equivalent to 2 in. internal diameter. The sizes increase by  $\frac{1}{8}$  in. so that No. 9 is 3 in. in diameter.

(b) Watch-spring pessaries with a cushion. These are similar to the standard

spring type but have an additional rolled cushion. These are gauged in the same way as watch-spring pessaries.

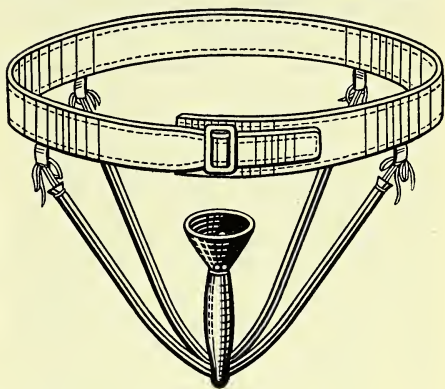
(e) Dudgeon's cup and stem pessaries (see illustration) have a vulcanite stem with a rubber cap. They are supplied



*Hodge Pessary (two aspects)*

Vulcanite ring pessaries are supplied with thick or thin walls, and are gauged in inches from 2 in. to 3 in.

Hodge pessaries (see illustration) have a double curve. They are made from vulcanite.



*Dudgeon's Cup and Stem Pessary*

with a waistband and rubber under- straps to maintain them in position. There are five standard sizes: 2 in., 2½ in., 2½ in., 2¾ in., and 3 in. diameter across the cup.

(f) Napier's cup and stem pessaries resemble Dudgeon's but have rubber stems.

## RECENT RESEARCH

**Refining Liver Oils.**—Hartman, of the Zealand Department of Scientific and Industrial Research ("Nature," May 7, p. 72) finds that alkali refining provides the most economical and simple method of purifying oils containing vitamin A.

**Crystalline Form and Insecticidal Property.**—Deffner and colleague ("Nature," May 14, p. 769) find that hexachloride and mixtures of this compound with phenyl-isocyanate, when prepared from solutions in organic solvents, residual films more toxic to insects than when from water suspensions of wettable forms. Unfortunately solvents "burn" the plants.

**Electron-microscopy of Nuclear Membranes.**—Callan and colleagues ("Nature," February 19, p. 280) have examined the outer membrane of the giant nuclei of brown oocytes of amphibia (*Triturus cristatus* and *Xenopus laevis*). Electron micrographs show that the nuclear membrane is a compound structure, one component of which is a porous sheet, the pores being approximately 300 Å. in diameter in hexagonal array with a repeti-

tion distance of about 800 Å., and the other component a membrane with no evident fine structure. The relative positions of the two components is not yet known. The authors conclude that the visibly porous membrane probably acts as a mechanical support for the structureless membrane.

**Deactivation of Penicillin by Rubber.**—Following reports that aqueous solutions of penicillin can lose up to 50 per cent. of their antibiotic activity by passage through the rubber tube of a continuous-drip apparatus, Bellamy and Watt ("Nature," 1948, I, 940) have conducted an investigation into the nature of the substances causing inactivation. The "accelerators" used in the preparation of rubber were suspected as playing a major part and observations showed that activity towards penicillin was formed when the accelerators had been compounded with the other ingredients of the rubber. Tetramethylthiuram disulphide, a rubber "accelerator," was found to be highly active towards penicillin after being heated to vulcanising temperature for ten minutes, although it had been inactive before.

## MEDICAL ABSTRACTS

**Adrenal Hormone for Arthritis.**—The use of an adrenal cortical hormone (17-hydroxy-11-dehydrocorticosterone), designated compound E. and of a pituitary hormone, in chronic polyarticular rheumatoid arthritis is described editorially in the "Journal of the American Medical Association" (April 30, p. 1274). Nine of fourteen patients treated with the adrenal hormone and observed by Harch and colleagues experienced, within a few days, a lessening of muscle and joint stiffness, aching joints, pain caused by movement, and tenderness. Joint and muscle function were improved. Similar results were obtained with other rheumatoid arthritis patients treated with the pituitary adrenocorticotrophic hormone (100 mgm. for twelve days). The use of hormones was suggested to the workers by the fact that pregnancy (and jaundice) bring about remissions of rheumatoid arthritis in about 60-90 per cent. of observed cases. In a letter (*ibid.*, p. 1294) Merck & Co., Inc., who supplied most of the compound E for the trials, state that no supplies of the drug will be available from them for many months for

treatment or additional research, and before the drug can be made generally available a new synthesis will probably have to be devised.

**Vioform in Skin Diseases.**—May Scott ("British Medical Journal," May 19, p. 837) treated 115 dermatological cases with Vioform (5-chloro-7-iodo-8-hydroxyquinoline) in an ointment or cream, and Overton (p. 840) 176 cases with 10 per cent. Vioform in water-miscible petrolatum jelly. The results indicate that the compound is valuable in the treatment of pyococcal skin infections such as impetigo, folliculitis (especially *sycosis barbæ*), etc. Cases of acne vulgaris were not greatly improved. Vioform proved relatively non-irritating, and rarely caused epidermal sensitisation. It relieved the "prickling" of infected eczemas, it seemed to have no antipruritic effect in non-infected dermatoses. The only disadvantage of Vioform was its yellow-grey colour. Cotton fabrics were easily freed of the cream, but ointment stains were more difficult to remove.

## SENSITISATION BY DYESTUFF

At the seventh meeting of the Fine Chemicals Group of the Society of Chemical Industry, held in London, recently, Mr. J. D. KENDALL, Ph.D., F.R.I.C. (head of the dye research laboratory, Ilford, Ltd.), gave a lecture on "The Chemistry of Photographic Sensitising Dyestuffs."

A photographic emulsion, he said, consisted essentially of a colloidal suspension of a silver halide in a protective medium such as gelatin. Undyed silver chloride was sensitive exclusively to ultra-violet light, and silver iodobromide to the ultra-violet or blue region of the spectrum. The use of dyes to increase spectral sensitivity of a silver halide emulsion was discovered by Vogel in 1873, but it was not until 1884 that a satisfactory sensitiser, erythrosin, was introduced commercially. The early sensitisers only extended the sensitivity of the silver halide into the green, and were known as orthochromatic. Panchromatic sensitisers were introduced at the beginning of the present century.

Cyanine, the first cyanine dye, was first prepared in 1856. Homologues, and the related isocyanines, followed in 1901, and an isocyanine prepared in 1902 was introduced commercially as ethyl red.

After the 1914-18 war, progress in the chemistry of the sensitising dyes was rapid, mainly as a result of the work of the Dye School at Cambridge, and of the leading manufacturers of photographic materials in Germany, America and England. Sensitisers for the far-red, such as kryptonine, the pinaflavols, cyanines derived from oxazole, thiazole, selenazole and pyrazole, were prepared during that period. New intermediates led to the preparation of unsymmetrical dyes. The tricarbonyls, powerful infra-red sensitisers, were prepared in 1930. The independent discovery by I.G. Farbenindustrie and Ilford Ltd., of the reactivity of the thioether groups in heterocyclic quaternary salts, led to the preparation of many new dyes. The reaction of a thioether salt with a heterocyclic amino-compound, azacyanines were obtained, and these proved to be superior sensitisers for chloride emulsions.

Sensitising types on the basis of the electronic theory have been shown to consist of neutralised systems in which the anionic and cationoid centres of the molecule are united directly by a chain of unsaturated units. The mode of action of cyanine dyes, however, has still to be elucidated.

## MONSANTO RESEARCH LABORATORIES

**Sir Ben Lockspeiser, F.R.S., M.I.Mech.E., F.R.Ae.S. (Secretary, Department of Scientific and Industrial Research), formally opened the Nickell Research Laboratories of Monsanto Chemicals, Ltd., at Ruabon, Denbighshire, on May 20.**

INTRODUCING Sir Ben Lockspeiser at the opening ceremony, Dr. W. D. SCOTT, the company's director of research, said: "We are honoured to have Sir Ben Lockspeiser, the Secretary of the Department of Scientific and Industrial Research, with us at the Ministry of Supply he has taken some outstanding work in aerological research. Hitherto, he has not come into much contact with chemical research."

Nevertheless, chemical research is bringing nearer and nearer to physical sciences, and, therefore, we are honoured to have a distinguished physicist to open the laboratories." The speaker then asked Sir Ben Lockspeiser to perform the opening ceremony.

SIR BEN LOCKSPEISER, in the course of his speech said:—"I feel it a great honour and privilege to be invited to open new laboratories. Any new adventure is stimulating, but what is of most interest to scientists in a new scientific laboratory is the opportunity which it will afford to explore new fields and to try new adventures. It is to science we are now looking today to assist industry, to build our economic life, and to enable us to view the country as a whole—to pay our way in a highly competitive and technical world."

In the past we have led the world in the quality of the things we have made, an important though it is—and I hope we shall never lose the special skill which has enabled things of quality to be made—is not enough. Today we must make new products, and produce new materials and invent new processes. The effects of economic crisis which besets us is simply well known to us all. We have a growing faith in the future of the country: faith is not based on any easy optimism, but springs from the knowledge and conviction that we have encountered many difficulties in the course of our long history and we have overcome them successfully. If I were asked to name the most single factor in that success, I should say—the quality of our people.

The erection of these laboratories is at an opportune moment. It is a contribution of Monsanto Chemicals to the solution of our economic problems. It is an act of faith in

science itself: an act of faith in the young men and women who bring creative enthusiasm and energy, which is the prerogative of youth. It is an act of faith in the industry itself, based on science, to hold its own in the markets of the world. I rejoice in the type of building provided. It is obvious that care and foresight has been given to make it a place worth working in. The obvious intention of Monsanto Chemicals to care for the young men and women who have come to work here confirms my belief that the act of faith which the company has declared in the provision of these laboratories will be amply justified. It is my confident expectation that the work of the laboratories will contribute greatly and be a source of strength to the industry and that it will make a notable contribution to the economic life of the country. It is with this confident expectation that I have the honour and pleasure of performing the opening of these laboratories."

In a following ceremony, Mr. T. P. Berington, a director of the company, named the laboratories "The Nickell Laboratories" and unveiled a tablet which pays tribute to Dr. L. F. Nickell, chairman and managing director of the company from 1930 to 1948. The guests were then invited to inspect the laboratories.

Among the guests who were present at the opening ceremony and who attended the celebration dinner at Chester in the evening were representatives of many Universities, including the following:—Professors C. E. H. Bawn, Ph.D. (Liverpool); E. G. Cox, D.Sc., F.Inst.P. (Leeds); F. H. Garner, O.B.E., Ph.D., F.R.I.C., M.I.Chem.E., M.I.A.E. (Birmingham); W. E. Garner, C.B.E., D.Sc., F.R.S. (Bristol); C. K. Ingold, D.Sc., F.R.S. (London); M. G. Evans, F.R.S. (Manchester); E. R. H. Jones, D.Sc., Ph.D., F.R.I.C. (Manchester); R. P. Linstead, C.B.E., M.A., Ph.D., D.Sc., A.R.C.S., F.R.S. (London); J. H. Orton, D.Sc., F.R.S. (Liverpool); E. K. Rideal, M.B.E., M.A., Ph.D., D.Sc., F.R.S. (The Royal Institution); A. Robertson, M.A., B.Sc., Ph.D. (Liverpool); H. W. Thompson, M.A., B.Sc. (Oxford) and A. R. Ubbelohde, M.A., D.Sc. (Belfast).

## A TOUR OF THE MONSANTO LABORATORIES

CONSISTING of a three-storied building, the Nickell Research Laboratories cover a superficial area of 16,000 sq. feet and contain nine main laboratories together with rooms for photography, refrigeration, glass-blowing, stores, conference rooms, instrument workshops and library. The building, consisting of a main block and two wings, is equipped throughout with every modern device and service including temperature-controlled rooms. Practically all the equipment and apparatus installed is of British manufacture. The laboratories are under the direction of Dr. W. D. Scott, with a staff of some fifty chemists and about the same number of technical assistants. The following is a summary of work undertaken in some of the laboratories.

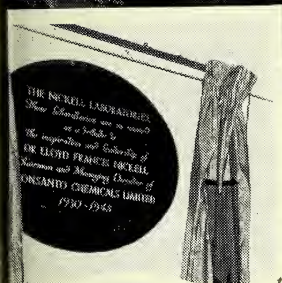
**Process Investigations Laboratories.**—The investigations conducted in one laboratory are concerned with the development of new processes for the manufacture of products primarily with a functional character. Processes are also developed for new rubber chemicals and research is constantly devoted to improvement of existing products. The apparatus assemblies include a continuous unit for the study of reaction variables in the Friedel-Crafts' reaction. Electrometric titrations are employed for various analyses required in the course of investigations on plant product quality control. A study is also in progress on the use of various catalysts in the chlorination of substituted and unsubstituted aliphatics and aromatics. The research work carried out in the second process investigations laboratory is concerned with (a) the development of processes for new manufacture; (b) problems arising directly or indirectly from the manufacture of industrial chemicals, such as tar acids, synthetic phenol, chlorinated phenol, sulphuric acid, phthalic and maleic anhydrides, and phthalic esters of benzoic acid. A unit for producing alkyl phenols, a distillation column for the fractionation of tar acids and a polarograph for analytical work are operated. The third of the process investigations laboratories deals with problems arising in the production of fine chemicals. Essentially, the work is divided into two sections. First, the more important part of the work is to investigate problems arising in connection with maintenance and improvement of quality of intermediates and finished products and of raw material efficiencies. Apart from rigid chemical control of quality the physical

appearance of fine chemicals in part represents a property which receives considerable attention to meet market demands. Secondly, development work is undertaken to investigate new processes for existing manufactures and for entirely new projects. In this respect, as in other process investigations laboratories, sufficient experimental data is obtained to initiate a tentative process to enable the project to be evaluated by the engineering department.

**Exploratory Physics Laboratory.**—The work of this laboratory is largely of an exploratory character. A limited amount of technical evaluation work is also carried out. In operation at the present time: (a) Apparatus for measuring the wetting properties of liquids and contact angles at detergent-oil-solid junctions. (b) Examples of the methods of study of Syton (a colloidal dispersion of soap) including electrophoresis and of typical results obtained with Syton in the textile industries. (c) Apparatus for measuring rubber oxidation and the change of electrical properties of the sample at the same time and a new stress-relaxation apparatus using electric strain gauges. (d) A new temperature control unit using a "thermistor" controlling a bath to  $\pm 0.001^\circ\text{C}$ .

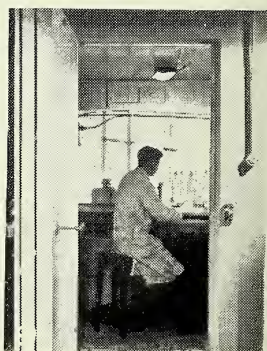
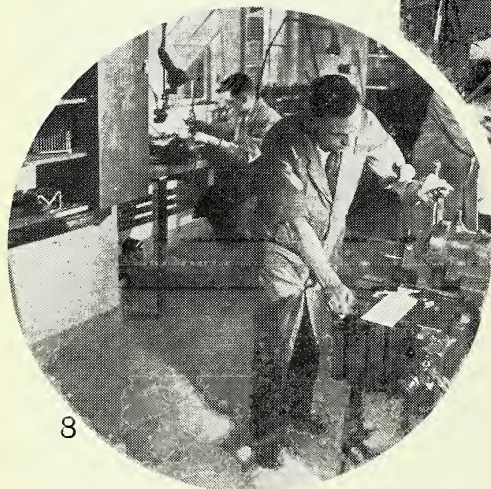
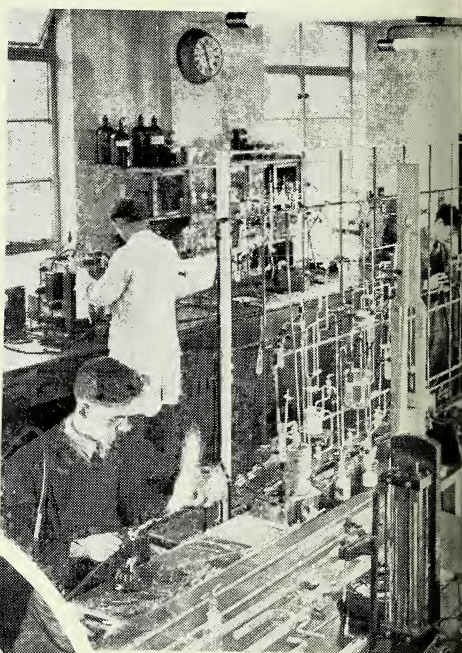
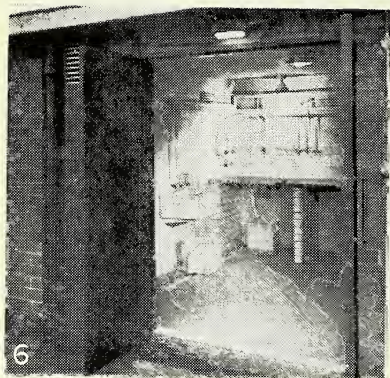
**Exploratory Chemical Laboratory.**—The problems under examination in this laboratory included: (a) Investigations of drocarbon oxidations in both liquid and vapour phases in order to get a clearer picture of the mechanism involved and controlling factors; (b) examination of the mechanism of sulphoxidation and phoschlorination reactions with a view to detergent production; and (c) investigation of the physical properties of detergent solutions. The apparatus in this laboratory included:—(i) Apparatus for studying the oxidation of hydrocarbons in the vapour phase over metal and metal-oxide catalysts by both static and dynamic techniques. On the frame was an apparatus for studying catalytic activity by measuring surface adsorption. (iii) A system for the reaction of  $\text{SO}_2$  and chlorine gases with hydrocarbons to give products of value as detergents including a photo-electric (ultra-violet) meter for measuring chlorine content in the off gases. (iv) A modified Sugden "bubble pressure" apparatus.

Other laboratories visited included those concerned with work on physical chemistry; applicational investigations; rubber and adhesives and silicon chemistry.



1. Celebration dinner at the  
2. in Chester, after  
3. opening of Nickell  
4. laboratories.  
5. The commemorative  
6. plaque unveiled.  
7. The chairman of  
8. the company (Mr.  
9. A. O'Neal)  
10. with Professor  
11. E. Garner.  
12. T. P. Bering-  
13. Dr. W. D.  
14. Pitt and Sir Ben  
15. Lockspeiser at the  
16. opening.  
17. Exterior view of  
18. the laboratories.

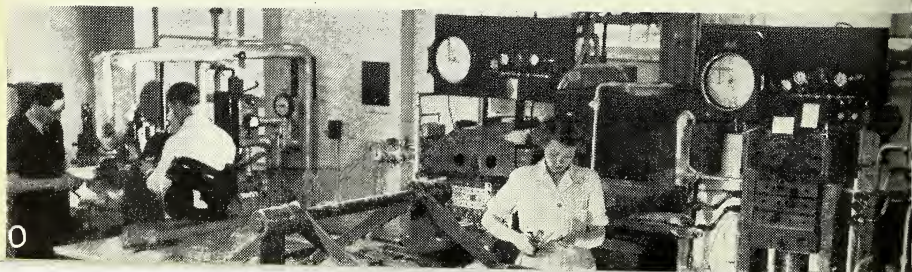




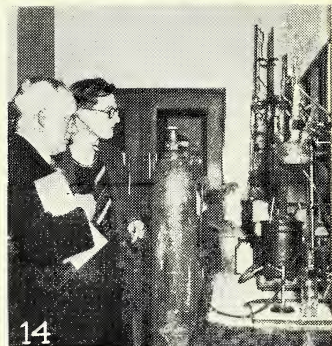
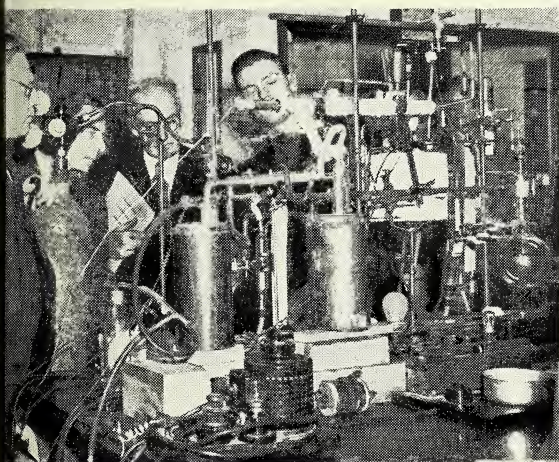
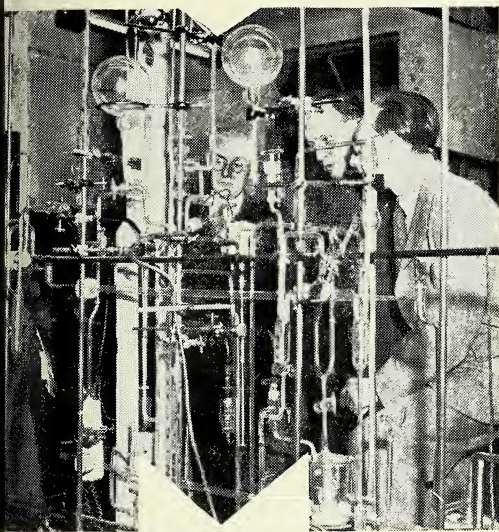
6. Rooftop laboratory for investigations involving poisonous or obnoxious products.

7. General view of the laboratory under Dr. Roebuck.

8. Instrument workshop for the construction of apparatus and prototypes of new designs.



# OPENING OF THE NICKELL LABORATORIES MONSANTO CHEMICALS, LTD.

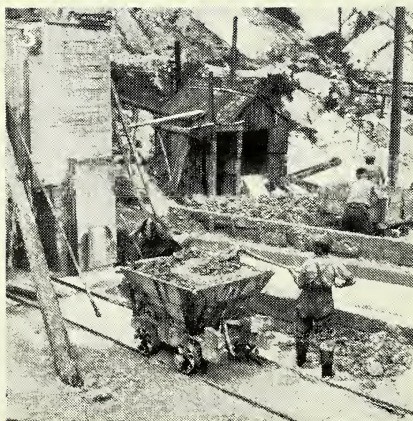


9. Refrigerated laboratory seen through the doorway.  
10. Rubber research laboratory.  
11. W. H. Kennett, Professors W. E. Garner and A. R. Belohde and Dr. D. S. Rorback in one of the group research laboratories.  
12. Ben Lockspeiser; Mr. W. H. Kennett, and Professor W. E. Garner with a member of the laboratory staff.  
13. W. McG. Morgan with Mr. Kennett, Mr. S. C. Box and Ben Lockspeiser in the rubber research laboratories.  
14. Professor Garner watches the progress of a laboratory operation.  
15. Professor E. K. Rideal with a research worker in the Syton laboratory.  
16. Conference in the physical laboratory.

**C**HINA clay, useful in a widening range of industries that includes drugs and cosmetics, is produced to the extent of 500,000 tons annually at pits in Devon and Cornwall. At the St. Austell pit illustrated (1) a high-pressure hose is directed at the clay (2). The resultant liquid runs into a sump, after which it is pumped into a sand-pit for filtering and draining. The sticky residue is removed (3) dried and dispatched (4) to railhead or docks. As a material for export kaolin has the advantage that it can be spared—production is limited only in the main by fuel and labour considerations.



## KAOLIN INDUSTRY OF CORNWALL



# FLEXIBLE PACKAGING MATERIALS

[Concluded from THE CHEMIST AND DRUGGIST, May 28, p. 701]

Exhibitors of finished packages at the exhibition of flexible packaging materials that opened at Murray House, Petty France, London, S.W.1 on May 31, included WILSON & V. CLELAND, LTD. (cardboard cartons, labels and seals), COMPRESSED PAPER CO., LTD. (cork-lined sleeves in combination with paper outers and three-ply moulded corrugated packing for the protection of bottles, etc.), JOHN DICKINSON & CO., LTD. (bags and wallets in paper, film, Pilefilm and laminated foil). In the air Dufex process, printed letterpress is applied to aluminium foil, giving a kaleidoscopic colour-change effect with change of view-point. EBURITE CORRUGATED

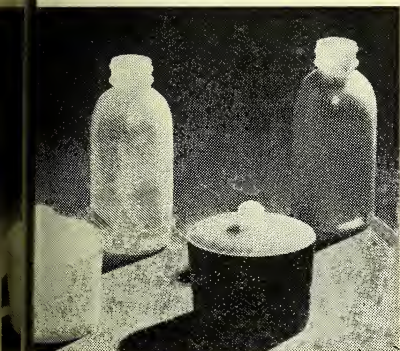
can be impregnated and the outer cylinder printed on, and waxed or varnished), and BOWATERS FIBRE CONTAINERS, LTD. (corrugated paper products and cartons designed for particular purposes).

## Protective Chemicals and Coatings

SHELL CHEMICALS, LTD., showed Shell VPI, for preventing corrosion of iron and steel between manufacturing stages, in transit and during storage. ANGLO-AMERICAN OIL CO., LTD., showed paraffin wax for impregnating paper or board to increase its resistance to the transmission of water vapour or moisture, and to render it translucent. J. M. STEEL & Co., LTD., showed Gloscoat, a synthetic hot-melt substance which forms a strippable plastic coating on articles dipped in it. The coating is waterproof, tough, translucent and exudes a film of oil which is left behind when the coating is peeled off. CLEAR GLASS PRODUCTS, LTD., showed Avigel GP, another hot-melt synthetic, strippable coating applied by dipping. Avigel S is intended for coating surgical and dental instruments.

## Individual Packages and Processes

THE INTERNATIONAL CORPORATION, LTD., showed a rubber bladder of cubical shape produced to fit inside a normal fibreboard or plywood box. The rubber container holds 2 gall. of liquid, and the pack can be collapsed for return after use. TANKS & LININGS, LTD., featured the Nutrapac liner, a welded P.V.C. bag which fits loosely inside a metal drum, making such containers suitable for many corrosive substances and substances which must be kept free from contamination. TROPICALISATION & PACKING Co., LTD., showed a shock-absorbing pack developed for a container capable of maintaining a set temperature (low or high) for a period of one week and which could be sent through the post in this country or overseas. The container is a standard vacuum flask padded with sponge rubber, surrounded by a laced felt cover. The sponges are immersed in water and refrigerated before being placed in the felt cover and inserted. MR. JOHN BLACK, Beckenham, featured a new transfer process for producing durable designs or print on P.V.C. sheet. MR. CHARLES DAVIS, Neuilly-sur-Seine, France, showed a British invention for a pleated collapsible tube.



bottles and jars made in Polythene by Redi-Lid Ltd. The bottles are flexible; the jars, in Polythene, are rigid.

CONTAINERS, LTD. (corrugated containers for particular purposes), IVERS LEE (G. BRITAIN), LTD. (powders packed in Cellophane and aluminium acetate foil, packed in Sanitape using a proofed paper, and Sealrite packages of pills that can be attached to leaflets or card covers for display purposes), METAL BOX CO., LTD. (cartons including a window-in which Cellophane is applied by machine during manufacture, spirally wound containers with lever-lids or disc closures), MONO CONTAINERS, LTD. (containers proofed with a plastic compound rendering them impervious to air and water-vapour), UCON, LTD. (double-walled containers (4 oz.-16 oz.) for protection against atmospheric conditions, moisture, pilferage, etc.; the inner cylinder, which contains the product,



## JOHN BELL'S TONIC - PHOSPHATES

Reduction in Prices—Quality Unchanged

You can confidently recommend John Bell's Tonic Phosphates for restoring jaded appetite, and for dispelling depression and lassitude.

Attractive Display Material on request

Sizes	New Retail Price (including Pur. Tax)
4 ozs.	2/6
8 ozs.	4/3
16 ozs.	7/7

JOHN BELL, HILLS & LUCAS, LTD.  
Oxford Works, Worsley Bridge Rd., London, S.E.26



## RANKIN BROTHERS & SONS (RANKINS PARTNERS, LTD.)

139 BERMONDSEY STREET, LONDON, S.E.1

## for DISPENSING CORKS

OWNERS OF THE FINEST  
CORK FORESTS IN PORTUGAL

56/- per gross. Any quantity  
Carriage Paid over 1 gross  
THE WALLIS LABORATORY LTD.  
*Actual Makers*  
58 King George's Avenue, Watford, Herts.

## BURROUGH'S ABSOLUTE ALCOHOL

Cale Distillery  
London, S.E.11

## TRAGACANT

SPECIALISTS IN B. P. POW  
SAMPLES AND PRICES ON REQUEST  
FREUDENTHEIL, SMITH & CO., 16 Philpot  
London, E.C.3  
MANsion House 1924 & 6600. Estd. 16

## LOWEST ON-COST

for Advertising Proprietary  
lines is assured through the 40  
years experience of

*Stuart Hirst*

SURVEY HOUSE, 15 BOND ST., LEEDS 1  
Grams: "Consult, Leeds" Phone: Leeds 2 9

• WILCOX, JOZEAU & CO., LT •

## FERRAEMIA BRAND TABLETS

Indicated in the treatment of  
Anæmic conditions.  
Supplied in bottles of 60, 500, 1,000

• TELEPHONE: TERMINUS 308 •

## CurAcho (CURE-ACHE-O)

The Oil-less  
EMBROCATION  
(EST. 1908)

Available direct or from your wholesaler  
CURACHO CO., 10 Dingwall Road, CROY  
Telephone: Croydon 3226

## INFORMATION WANTED

The Editor would appreciate information  
about suppliers of the following items:  
Goody combs  
Deobolin



# The CHEMIST AND DRUGGIST

TAILER—WHOLESALE—MANUFACTURER

ESTABLISHED 1859

ates throughout the Pharmaceutical,  
al, Drug, Essential Oil, Perfumery,  
ic, Toilet Preparation and allied  
rades throughout the World

organ of The Pharmaceutical  
of Ireland, The Pharmaceutical  
of Northern Ireland, The Chemists'  
uggists' Society of Ireland and of  
Chemists' Societies in the Empire.

JUNE 4, 1949

No. 3615

## Atmospherics

Mr. J. Hearle, the chairman of the National Pharmaceutical Union, who presided at last week's Conference of Representatives of Pharmaceutical Committees, stated that one of the purposes of the Conference was to enable those present to bring to their Committees on the atmosphere of the discussions instead of relying on the factual report put out by the Central N.H.S. (Contractors) Committee. It may be permitted to record the atmosphere and even rather stormy conditions that prevailed. Members were incensed over two things. They wanted to know, first, why there had been such delay in bringing to the notice of the Pharmaceutical Committees the state of affairs at the pricing offices, and second, why a period of up to twelve weeks (average eight) was needed to complete pricing (commenced in March as against January) of the January prescriptions. Mr. Hearle, who received an ovation in making his first stage appearance as "principal," was able to produce a time-table of events to demonstrate that, far from being inactive, the N.P.U. had been diligent and vigorous from the moment it became aware that the bureaux were in deep water.

His tempers quickly cooled on the issue, following that explanation, on the second, directed against the Minister of Health, they remained high throughout the afternoon. What right had the Minister to alter the terms without the agree-

ment of the Contractors' Committee? Why had he not given three months' notice of the change of pricing method? These were the sort of questions to which members wanted answers. Even after Mr. Noble had quoted from the Regulations ("approved by the Minister after consultation with an organisation which is in his opinion representative of the general body of chemists") to demonstrate that Mr. Bevan had acted constitutionally, members felt—and, we think, pardonably—that they had been unreasonably treated. Admitting that the Minister was within the letter of the law, always previously it had been assumed that "consultation" implied agreement. What price the principle of "government with the consent of the governed?" Only by the exercise of considerable platform tact were some delegates restrained from inserting, in the resolution that eventually went forward, words that would have eased their feelings without having any practical outcome. The resolution as it stands makes clear that contractors are dissatisfied with the treatment they have had, but adds constructive suggestions on improving matters in the future. The principal improvement urged is the creation of more pricing offices, each serving one or a small group of Executive Councils. Mr. T. Heseltine, from his inside knowledge of the Central Pricing Committee, seemed to consider that the suggestion would be rejected from the start, on account of its extra cost. No figures were put forward, however, and it is legitimate to claim that, while local pricing offices might add to the number of relatively highly paid supervising officers, quite possibly that item would be more than offset by the opportunity given to the local offices of settling queries promptly by a mere local 'phone call. Indeed, many queries might be avoided by reason of the greater amount of local knowledge within the pricing office, which in any case could, with the assistance of the Pharmaceutical Committee, deal speedily with "illegible and ambiguous prescriptions," one of five causes of delay enumerated by Mr. D. Evans, Cardiff. Possibly little can be done at the moment about some of

the other points mentioned by Mr. Evans, though it is to be hoped that manufacturers will note the call for speedier publicity to be given to the prices of newly introduced proprietaries, and for packings of various makers' presentations of a given drug to be made uniform. The welcome given to an announcement that decimal-point pricing will end as soon as the new administrative arrangements can be introduced showed how the "damned dot" had rankled with contractors.

As Mr. F. C. Wilson pointed out, the present cost of pricing amounts to only a third of the sum the Minister is proposing to save on containers (by one of the methods now before contractors under a plebiscite). It is right that any system of pricing should be just, equitable, and prompt. Proposals have been put forward by the representatives to contribute towards making it so. On balance, provided adequate staffs are provided, the proposals may save public money. But even if they add slightly to the administrative costs, it is only fair that they should be operated on behalf of a class of professional workers under N.H.S. whom nobody has suggested are overpaid, and who are being asked to make a considerable financial sacrifice in the national interest.

### Trade with India

THE suspension by the Government of India of Open General Licence No. 11 announced recently (*C. & D.*, May 14, p. 621) as a "preliminary and precautionary measure" is to be followed by a thorough revision of Indian "liberal import policy." Restrictions on imports from the sterling and other soft-currency areas were removed to a great extent in the latter part of 1948 when India's foreign exchange position eased. The increased supply of industrial goods which followed has helped to keep Indian prices stable and has checked inflationary tendencies in the country. Sterling balances, however, have been used up at a rate which has greatly exceeded the agreed rate of release of blocked currency for the present year and reports from Delhi say that Britain cannot agree to an additional release.

India's imports and exports have a gradual rise since the end of the but latterly imports have been increased and have resulted in a heavy balance of trade. That the Kingdom has an important rôle in the foreign trade of India is evident from the fact that during the first quarter of 1949 Britain sent India chemicals and drugs of a total value of no less than £3,500,000 compared with £1,473,793 in the corresponding period of 1948.

Reviewing the overall position of the Indian Commerce Ministry recently, the Indian Commerce Minister said that in contrast with the decrease in imports from hard- and medium-currency areas, imports from soft-currency areas have shown a substantial increase in comparison with exports. This growing imbalance in foreign trade is to be met by reducing imports from hard- and medium-currency areas and by borrowing or by suspension of Open General Licence. The natural outcome of this policy. At first sight the measure is a severe deterrent to business but it is likely that the measure may be reintroduced soon for some of the "essential" imports category. Exporters to India are entitled to an exemption statement from the British Government.

### FIFTY YEARS AGO Working Hours in U.S.

(From the *C. & D.*, June 3, 1899)

THE [U.S.] Bill for Shorter Hours has yet become law, and it is probable that Governor Roosevelt will veto the measure after all, on the ground that it is against the support of the druggists and pharmacists generally. As a matter of fact, the trade of New York has nothing to do with the Maher Drug-clerks' Shorter Hours Bill. It was simply a measure originated from labour-union organisations merely what they can make out of it. The opposition of New York pharmacists and drug-clerks to this labour-union speculation has resulted in several associations being formed by members of the trade, the latest being the Pharmacists' Association, which has already rolled 250 drug-clerks of this city who opposed to the Maher Bill, and are petitioning the Governor to veto the measure. They propose to draft a . . . measure

## PHARMACEUTICAL COMMITTEE REPRESENTATIVES DISCUSS PRICING

CONFERENCE of Pharmaceutical Committee representatives was held in London on May 25, at which 110 pharmaceutical representatives were represented by 200 delegates. Mr. Joseph Hearle (chairman, P.P.C. Executive), who presided, was supported on the platform by the officers and members of the Central N.H.S. (General Contractors) Committee and of the Executive of the National Pharmaceutical Association.

### Under N.H.S.

The main business of the Conference was to receive and consider a report on the National Health Service prescription-pricing developments (see *C. & D.*, May 28, p. 70). Mr. HEARLE said that the Ministry of Health had decided to impose a system of pricing based on a separation of prescriptions at 5s. net ingredient cost, to take effect from June 1. That decision would not be affected, so far as the immediate future was concerned, by any decision taken at the Conference. Although the Minister's decision could not be overruled by the Conference, however, the N.H.S. Committee felt it had a duty to report fully to Pharmaceutical Committee members and to consult with their delegates on the issues it raised. The Conference was called on a consultative basis, and it was likely to be wide divergence of views between Pharmaceutical Committee members. Hence representation had been arranged to minimise expense and personal inconvenience to delegates—to two representatives from each Committee. He hoped the delegates would report fully to their Committees, especially on the atmosphere of the conference, as distinct from the report the Central N.H.S. Committee had issued.

CHAIRMAN outlined the circumstances in which the Minister had decided on further modification in the pricing of prescriptions had become essential in order to achieve a complete breakdown in the pricing machine. The pricing of January 1948 prescriptions had commenced in pricing offices at the beginning of the year and in others by mid-March. That was in accordance with expectations held at the November 1948 Conference. He pointed out that it had been possible to clear

all 1948 arrears to enable the January 1949 pricing to commence in March was due in large measure to the energy with which the Joint Pricing Committee had tackled the job of co-ordinating the work of the pricing bureaux and making the best use of available pricing staffs. The November 1948 Conference had been told that, under the scheme to operate for the pricing of prescriptions for January 1949, and subsequent months, five to six weeks' pricing time would be required to price one month's prescriptions. Without an increase in the working capacity of the bureaux, arrears in pricing were inevitable with the split for full pricing at a 2s. 6d. net-ingredient-value level. By the end of March it was apparent that the pricing of January 1948 prescriptions was going to take longer than had been estimated, owing to complications introduced by the new scale of graduated fees and by the number and complexity of the prescriptions in the "over-2s. 6d." range.

### Pricers' Difficulties

The fees were new to the whole of the pricing staff, and the variety of prescriptions in the "over-2s. 6d." range was something most of the pricers had not had to contend with in the period August-December 1948, when "under-5s." prescriptions had been paid for on an adjusted July-1948 average figure for the individual contractor. Various possibilities of minimising the load falling on the pricers had been investigated at the end of March and in early April, but on April 20, at a meeting of the Ministry of Health Pricing Working Party convened at a few days' notice, a detailed survey of the state of the bureaux in relation to January pricing had been presented for the first time. That report revealed that, in certain bureaux, January pricing would not be completed within twelve weeks and that a broad average of the time taken over all the bureaux would be at least eight weeks. The Central N.H.S. Committee representatives on the Pricing Working Party had reported back to the Committee on April 27; it had been agreed that arrears were building up at such a rate that some modification of the present system would become essential. Pharmaceutical Committees had been informed of the mat-

ter on April 28. On May 2, discussions had been resumed with the Ministry on what the modifications in the pricing system should be. It had not been possible to arrive at agreement, and the Ministry had in consequence decided to give notice to all contractors of an uplifting from 2s. 6d. to 5s. of the net-ingredient-value split for full pricing, operative from June 1. The Ministry agreed to issue a statement explaining and justifying the decision, and Pharmaceutical Committees had been advised of the development on May 5. On May 13, following further discussions within the Pricing Working Party, the terms of the Ministry's Statement were made available in draft, and on May 14 Pharmaceutical Committees were informed of its terms.

#### Averaging Accepted for February-April

The Central N.H.S. Committee, in an effort to prevent an already bad position from becoming worse, had agreed with the Ministry that the "under-2s. 6d." prescriptions for February, March and April should be priced on the individual contractor's January average for corresponding prescriptions, subject to an adjustment if it was justified by the results of a full pricing check in each bureau area. The possibility of applying an adjusted January average to "under-2s. 6d." May prescriptions would be investigated and, if it were shown that it could be applied equitably, it would be adopted as a further means of reducing pricing arrears.

In amplification of the chairman's remarks and in answer to questions from the floor of the Conference, Mr. T. HESELTINE (chairman, Central N.H.S. Committee) and Mr. H. NOBLE (secretary) made the following points:—

- (i) The Minister had acted strictly within the letter of the Regulations in giving notice direct to contractors of a change in pricing terms; having consulted the Central N.H.S. Committee, the Minister could take his own decision, even though agreement had not been reached, and could impose it without giving three months' notice. That he had done.
- (ii) Not less than 20 per cent. of "under-5s." prescriptions would be priced for each contractor each month (e.g., where, say, 700 such prescriptions were submitted, 200 would be priced). Any contractor with less than 100 such prescriptions would

have his prescriptions priced. In all cases the 5s.-and-over other "S" bundle prescriptions would be fully priced.

- (iii) The post-June 1 scheme for "under-5s." prescriptions involved no carry-over to a subsequent month of the contractor's for an earlier month. The should therefore work out equitably than had the scheme had operated August-December (and which, though also on a split at 5s., involved the forward of the contractor's a July average for "under-5s. prescriptions). Even the August-September 1948 scheme had operated a reasonable degree of equity assessed over the six months December 1948. A comparison of the fully-priced values and the aged values of the account for the sample check in bureau area, July-December showed that the margins of variation were approximately 5 per cent. up or down.

- (iv) A full pricing check, on a scale, would be maintained for comparison with the results of "aging" pricing under the post-scheme. Close consideration be given to publication of the results of such comparative pricing over a three months' period.

- (v) The Ministry of Health pays no more and no less, in aggregate, under a system involving averaging methods of pricing than would be paid under full pricing. The only saving to the Ministry in the lower pricing-bureau areas.

- (vi) It had been agreed that pricing the nearest o.r.d. should be continued so soon as the necessary revision of pricing charts, Drug and Drug Tariff ready reckoner had been effected. That revision was being carried out as quickly as possible by the Ministry.

From the debate it was evident that delegates strongly resented the failure of the Ministry to provide, up to the present, a pricing bureau system capable of dealing with the volume of pricing work on a basis readily acceptable to contractors. Among the proposals put forward by delegates for future modification of the pricing system, so that the post-June-1

be withdrawn within the shortest time, were the following:—  
 (a) Contractors to undertake their own pricing, either *in toto* or of the 6d.-and-over prescriptions.  
 (b) Under-2s. 6d. prescriptions to be bid for on an agreed flat rate and a larger proportion than 20 per cent. of the 2s. 6d.-5s. range to be priced full, with full pricing of all S- and L- prescriptions.

(c) Pricing bureaux to be decentralised, a small bureau being set up for each Executive Council area or for small groups of contiguous Executive Council areas.

(d) An extended test to be made of the one involved in full pricing, compared with averaging systems.

(e) Dispensing of nearest original pack proprietaries to quantity ordered by prescriber to be authorised, and payment made on that basis. Bureaux to be provided with a consolidated up-to-date proprietary price list.

As stated from the platform that various proposals made would be bid or re-examined where they had been the subject of discussion, as was the case with many of them.

The debate concluded with the adoption, *con.*, of the resolution recorded in the week's issue of the *C. & D.*

#### Char Allowance

THE CHAIRMAN reviewed the development that had led up to the plebiscite of voters upon the alternatives of a revised modified deposit system or of a ban in the container allowance to the prescriber. A measure of support was forthcoming from delegates for both alternatives. The only unanimity was in condemning both courses as involving losses in direct or indirect loss. Paraphrase of objection was raised to applying the deposit system to drop bottles. THE CHAIRMAN ruled that no vote should be taken as the Conference was not content to vote on such an issue. A suggestion was made to take a show of hands, and delegates on where the balance of opinion lay in the Conference, proceeded with.

The Ministry of Health was reported to have approached the Central N.H.S. Committee for a revision of the agreement on the buying quantity on which Drug

Tariff prices are fixed for tablets and capsules. The Ministry considers the present buying quantities too low because:—

- (a) The original buying quantities were fixed at a time when the Drug Tariff price was the full price paid (i.e., before the principle of an oncost was conceded).
- (b) The quantities have never been revised to take account of the changed methods of medication, resulting in tablets and capsules being an ever-increasing proportion of all prescribed medicines.
- (c) No account has yet been taken of the effect on buying of the increased number of prescriptions being dispensed by chemists under the N.H.S. scheme.

The Central N.H.S. Committee had agreed in principle to a revision of the buying quantities of certain of the tablets and capsules, and would negotiate with the Ministry on its proposals, bearing in mind, in so doing, variations between business and business even in the same neighbourhood. The matter was reported to the Conference as being indicative of the intentions of the Ministry to limit expenditure on the National Health Service.

#### Dispensing Packs of Proprietaries

There would be no automatic assumption in pricing May and June N.H.S. prescriptions, it was reported, that any prescription had been dispensed from a non-taxable dispensing pack of a proprietary preparation marketed under the purchase-tax exemption that first came into practical effect at May 2. For July and subsequent months, the Ministry wanted to secure an agreed list of products for which special non-taxable dispensing packs were available, and which were in sufficiently general demand to justify an assumption, for pricing purposes, that dispensing had been carried out from a dispensing pack. In agreeing any such list, the Central N.H.S. Committee would keep carefully in mind the varying and often localised demands for a particular product, and would seek safeguards for contractors experiencing demands too small to justify taking into stock a dispensing pack of a particular listed product. The Conference insisted that, not only in connection with dispensing packs, but also for ordinary proprietary packs, the "broken bulk" provisions of Clause 15 of the Drug Tariff must be maintained.

### Bulk Prescribing for Institutions

A report was given on the completed discussions with the Ministry over bulk-prescribing for residents at schools and institutions, a matter on which an interim report had been made to Pharmaceutical Committees on April 5. A regulation to give effect to the decisions would be issued shortly; under the regulation it would be possible for a general practitioner to give, on an E.C.10 form, a "bulk" prescription, for National Formulary preparations only, for the use of persons resident in a school or institution, subject to there being not less than twenty such residents, at least ten of whom were on the medical list of the prescribing doctor. Instead of the patient's name the prescriber would give the name and address of the school or institution, and the number of persons for whom the prescription was given. No surgical dressings or appliances, scheduled or otherwise, nor any drugs and preparations outside the N.F., 1949, could be ordered on such bulk prescriptions. Prescriptions on which non-permitted items were included should be referred back for prescriptions to be written for named individual patients. The chemist would not receive payment if he supplied dressings, appliances or non-Formulary drugs and preparations on a bulk prescription. The basis of payment for bulk supplies of Formulary preparations would be the normal Drug Tariff basis for prices, oncost and fees; the prescriptions would be fully priced, irrespective of net ingredient values. A question was raised as to the allowances that would be made for the large-size containers (Winchesters, etc.) that might be required for such supplies; it was agreed that special arrangements were necessary, and that the matter should be pursued with the Ministry.

### Control of Advertising under N.H.S.

It was reported that the Ministry wanted to control effectively the advertising of N.H.S. pharmaceutical services. The matter had been raised initially on the need (in the public and professional interests) to control advertising by certain contractors (not chemists) exhorting the public to get particular types of appliances ordered on E.C.10 forms. There had been general agreement in the Central N.H.S. Committee that that type of advertising should be controlled. When the discussions on control had been extended

by the Ministry to cover generalising of N.H.S. pharmaceutical services had not been possible to maintain unity of opinion in the Committee the measure of control necessary could not be agreed. The Ministry had been impressed by the Committee. The Ministry had thereupon consulted directly the interests represented in the Central Committee (National Pharmaceutical Union, the public companies owning pharmacies, and the Co-operative interest) each had indicated its views on the measure of control was justifiable. It was agreed that consultation it appeared likely that the Ministry of Health would frame a Regulation and would lay it before Parliament. A request that an Executive Regulation should be submitted to the Central N.H.S. Committee had been agreed.

### Co-operation with other Professions

Under "other business," a motion was carried recommending that the N.P.U. Executive should initiate in seeking to set up a committee representative of the various professions engaged in the Health Service for joint action in defence of the interests of the professions, was moved by Mr. W. WHITAKER, Southampton, and seconded by Mr. H. M. HIRST, N. Riding. Although the view was expressed from the platform that past experience indicated a little likelihood of any one profession prepared to make a stand to resist attack on interests other than its own, the Conference adopted the following resolution by a small majority (and with a substantial number of delegates abstaining):

That this Conference instructs the N.P.U. Executive to approach the other professional organisations concerned in the operation of the National Health Service with the object of forming a joint committee to defend the interests of those engaged in the Service.

The Conference closed at 5 p.m. with a vote of thanks to the chairman and secretary and with a unanimous resolution that an expression of good wishes be conveyed to Mr. G. A. Mallins on his future health and happiness.

**Headache Cure, New Style.**—Dr. H. Rankin commented that for a headache nowadays it seemed to be necessary to prescribe glasses. "Previous treatment should have been a couple of aspirins."—From a report of a Derbyshire Executive Council meeting in the *Derbyshire Guardian*.

## PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

NG of the Council of the Pharmaceutical Society of Northern Ireland was Belfast on May 20, the president (Mr. H. Cowzer) in the chair. Also were Messrs. P. R. W. Shinner (resident), S. E. Campbell, F. R. J.P., J. Irwin, W. H. Boyd, W. P. H. W. Gamble, John McGregor, Howell, Walter C. Tate, C. Aberdeen Professor E. B. C. Mayrs, M.D. William Gorman (secretary) was in attendance. Apologies for absence were received from Messrs. H. F. Moore (treasurer) and H. P. Crossin.

THE SECRETARY reported that the attention of the pharmacy inspector had been drawn to an entry in a telephone directory with the title "chemist" had been placed against the name of a person not known as such. A reply had been received from the publisher to the effect that the person was a director of a pharmacy company that had been associated with his name; the mistake was to be rectified in the next edition of the directory. A receipt of a sum of 13s. 4d. (two-thirds of a fine imposed on a defendant charged at Bangor Petty Sessions) was received. On the recommendation of the Education Committee it was decided to issue certificates of apprenticeship to the following: Anna Wilson, Dromore, Anne Keady, and Mary Hendron, Carrickfergus.

### Technical Films

A discussion took place on the provision of lectures, etc., for the next winter session and it was decided that instructional films should be made as to what instructional films were available for use with the Society's projector. It was also suggested that a basic library should be provided by the purchase of films of a type likely to become out-of-date. For the winter programme it was agreed that subjects of more general interest and applicable should be included.

The pharmacy inspector (Mr. J. N. Patterson) attended to support a letter from the Ministry of Home Affairs in which attention was drawn to amendments to the Pharmacy Schedules and Regulations in Great Britain and asking whether it was the opinion of the Council that similar amendments should be made in Northern Ireland. The substances concerned were

Heptalgin, dinitrocresols and phosphorus compounds and it was agreed that the Ministry should be recommended to make the same changes. Heptalgin is accordingly to be added to the First Schedule and Fourth Schedule; and dinitrocresols for use in agricultural and horticultural insecticides are to be omitted from the First Schedule. In reply to questions, Mr. PATTERSON said a regulation had been drafted that would clarify the term "repeat" when used in prescriptions. It would provide that where no other directions were given, prescriptions should not be dispensed more than three times and that otherwise they should not be dispensed more often than once in three days. When it was suggested that doctors should limit their prescriptions for drugs of the phenobarbitone type, the inspector advised that this could not be done by law but that, if chemists in any area thought that doctors were too liberal, they should approach the doctors direct.

### Suggested Meeting with Medical Faculty

MR. PATTERSON also said that as the Medical Faculty of Queen's University, Belfast, had not agreed to the lifting of restrictions on sulphonamide dressings and ointments, these could still be supplied only against prescriptions. Mr. McDOWELL suggested that consideration should be given to a meeting with the Faculty of Medicine of the University, at which the medical representatives could be made aware of the pharmacist's difficulties in the case of sulphonamide dressings and ointments. The inspector mentioned that a direction was being given that health visitors were not allowed to prescribe or suggest the use of penicillin.

### Prevention of Laboratory Accidents.—

A twenty-two page booklet entitled "Safety Measures in Chemical Laboratories" has been published by H.M. Stationery Office, Kingsway, London, W.C.2, price 6d. each. Designed originally for newcomers to the chemical research laboratory of the Department of Scientific and Industrial Research, and later approved by the Chief Inspector of Factories and the Ministry of Labour, the booklet deals with precautions in general laboratory operations (handling glass tubing, boring corks, vacuum distillation, etc.), fire and electrical risks and dermatitis.

# **STOCK EXCHANGE PRICES**

Quotations are the average for the days stated.

£1 unit unless otherwise stated	Apl. 29	May 30	£1 unit unless otherwise stated	Apl. 29
	s. d.	s. d.		s. d.
Albright & Wilson, ord., 5s. ...	30 0	30 0	Ilford, ord. stock, 5s. ...	26 10
Allen & Hanburys, pref'd. ord.			Imperial Chemical Industries, ord.	46 10
7% cum. ...	32 6	32 6	Imperial Chemical Industries, 7%	
Amber Chemical, ord., 2s. ...	7 0	7 0	cum. pref. stock ...	35 3
Amber Chemical, 5% cum. pref.	25 0	25 0	International Sponge Importers,	
Ascotts Pharmacies, ord. stock, 5s.	5 0	5 0	ord. stock, 5s. ...	4 9
Aspro, ord. stock, 5s. ...	26 3	22 6	Kent, G. B., & Sons, 5% cum.	
Beecham Group, defd., 2s. 6d. ...	16 3	15 0	ptpg. pref., 12s. 6d. ...	15 0
Beecham Maclean Holdings 4%			Kershaw, A., & Sons, ord., 1s. ...	1 1
red. cum. pref. ...	20 7½	21 0	Kleeman, O. & M., ord. stock, 1s.	15 6
Boake, Roberts, ord., 5s. ...	32 3	32 6	Laporte Chemicals, ord. stock ...	19 4
Boots (Eastern) "A" pfd. 6% cum.	31 0	31 0	Lever Brothers & Unilever, ord.	45 0
Boots (Western) "A" pfd. ord.			Lewis & Burrows, ord. stock ...	30 0
(7% non-cum.) ...	36 6	36 6	Lewis & Peat, ord., 1s. ...	1 6
Boots Pure Drug, ord., 5s. ...	54 0	53 6	Liebig's Extract of Meat, ord., £5	265 0
Borax Consold., defd. ord. stock	53 1½	53 0	Macleans, 4% red. cum. pref. ...	21 3
British Alkaloids, ord., 1s. ...	5 6	4 9½	Mellin's Food, 6% cum. pref. ...	6 3
British Chemicals & Biologicals,			Milton Antiseptic, ord., 10s. ...	20 0
4% cum. red. pref. ...	20 3	21 0	Mono Containers, 5s. ...	16 3
British Drug Houses, ord., 5s. ...	8 0	7 3	Monsanto Chemicals, ord., 5s. ...	57 6
British Emulsifiers, 2s. ...	9 9	9 9	Pears, A. & F., 5% deb. stock,	
British Glues & Chem., ord., 4s.	18 3	19 6	irred. ...	130%
British Industrial Plastics, ord., 2s.	6 0	4 9	Pest Control, ord., 5s. ...	8 0
British Optical & Prec. Eng., 5%	92½%	94½%	Potter & Clarke, ord., 1s. ...	3 6
British Oxygen Co., ord. stock ...	100 0	96 0	Reckitt & Sons, ord. stock ...	112 6
British Xylonite Co., ord. stock	100 0	80 0	Rolls Razor, pref'd. ord., 10s. ...	22 6
Brotherton & Co., ord. ...	-	21 0	Sangers, ord. stock, 5s. ...	32 0
Burt, Boulton & Haywood, ord.	27 6	27 9	"Sanitas" Trust, ord., 10s. ...	26 3
Bush (W. J.), & Co., ord. ...	82 6	80 0	Savory & Moore, 5½% 1st red.	
Camwal, ord. ...	20 7½	20 9	cum. pref. stock ...	23 6
Cooper, McD. & Robertson, ord.	32 6	30 0	Sherley, A. F., & Co., 8% cum.	
Cow & Gate, ord. stock, 1s. ...	2 9	2 9	pref'd. ord. ...	22 6
Cow, P. B., & Co., ord. stock, 4s.	5 7½	5 6	Smith & Nephew Associated Cos.,	
Crosfield, J., & Sons, 5% cum.			ord., 4s. ...	18 3
pre-pref. ...	26 3	26 6	South African Druggists, ord., 5s.	15 0
Cussons, Sons & Co., ord. stock 2s.	14 0	17 0	Southalls (Birmingham), stock, 5s.	42 6
Distillers, ord. stock, 4s. ...	27 6	26 9	Spa Brushes, ord., 2s. ...	4 3
Dubarry Perfumery Co., ord., 1s.	4 3	4 0	Sternol, 8% cum. ptpg. pref'd.	
Dunlop Rubber Co., ord. stock ...	67 0	63 0	ord., 10s. ...	15 7½
Energen Foods Co., ord., 2s. ...	8 6	10 3	Stevenson & Howell, ord. stock, 5s.	25 0
Eno Proprietaries, 5½% cum. pref.	24 4½	23 6	Taylors, Cash Chemists, London,	
Eucryl, stock, 2s. ...	4 9	4 9	6% cum. pref. ...	28 9
Evans Medical Supplies, ord. stock	41 3	42 0	Taylors, Cash Chemists, Trust,	
Field, J. C. & J., ord., 10s. ...	29 4½	29 3	6% cum. pref. ...	28 9
Fisons, ord. stock ...	50 0	47 0	Taylors Drug Co., 7% "A"	
Fisons, 4½% cum. pref. ...	23 6	24 3	cum. pref. ...	32 6
Galloway, P. H., ord., 2s. ...	4 0	4 0	United Glass Bottle, ord. stock ...	72 6
Gillette Safety Razor Co. shares			Veno Drug Co., 12% cum. pref'd.	
(no par value) ...	\$47.50	\$46.00	ord. ...	35 7½
Glaxo Laboratories, ord. stock, 10s.	450 0	450 0	Virol, ord. ...	72 6
Glaxo Laboratories, 8% cum.			Viscose Development Co., ord.	
pref'd. ord. stock, 10s. ...	19 8½	19 9	stock, 5s. ...	10 0
Gossage, W., & Sons, 5% 1st.			Vitamins, 1s. ...	4 7½
cum. pref. ...	26 3	26 3	Wesley, Harold, 5s. ...	15 7½
Greiff-Chemicals Holdgs., ord., 5s.	12 9	12 9	Whites (Timothy) & Taylors, ord.,	
Griffiths Hughes Proprietaries, ord.	26 3	21 0	5s. ...	35 0
Hampshire, F. W., stock, 5s. ...	73 9	81 0	Whites (Timothy) & Taylors,	
Hirst, Brooke & Southon, ord. 4s.	4 6	4 10½	7½% cum. pref. ...	37 6
Horlicks, stock, 5s. ...	28 9	28 6	Wright, Layman & Umney, 7%	
Hovenden, R., & Sons, 7% cum.			cum. pref. ...	31 3
"A" pref. ...	26 3	27 3	Yardley & Co., ord., 4s. ...	57 6
Idris, "A" ord. ...	38 9	38 0	Yardley & Co., 2nd pref. (cum.)	23 3

## CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

### Council Candidates' Thanks

SIR,—May I through the courtesy of *C. & D.* thank all those who gave me help and support in my recent candidature for election to Council.

P. South. A. G. MERVYN MADGE.

SIR,—I should be grateful if you would come to acknowledge, through the *C. & D.*, my sincere thanks to all the members who voted for me in the recent Council election.

L. Don, S.W.1. W. E. STOKES.

SIR,—May I, through the medium of your journal, be permitted to thank those members of the Society who supported my candidature at the recent Council election resulting in my return to fill the vacancy caused by the retirement of Mr. J. Davis.

P. E. 3. DONALD W. HUDSON.

SIR,—May I thank, most sincerely, the members of the Pharmaceutical Society who supported me in the recent Council election? I am greatly encouraged by the confidence reposed in me and will endeavour at all times to work for the betterment of our profession.

L. Don. THOMAS REID.

### Averaging in Scotland

SIR,—Since writing you on "averaging" (see *C. & D.*, May 28, p. 719), I learned that a proposal has been forwarded to local Pharmaceutical Committees in Scotland that they should consider "revised" methods of pricing "as a temporary measure." The matter is to be considered again towards the end of the year. Whilst insisting that it is opposed to anything except pricing in full, the Standing Committee states that, in order to overcome the ever-increasing costs, some modification of the present method will have to be considered. In other words, my Scottish friends, we are asked to try out a system which has been tried out in England and found unsatisfactory. The Government was amply satisfied that pricing in full would require considerable additions to staff and premises, but even after twelve months made only a very small and ineffectual contribution to either. Now we are asked to try them out of the difficulty.

Struthers. R. S. WHITELAW.

### Rural Area Dispensing

SIR,—As a pharmacist in a rural area may I draw attention to the anomalous position of such as I. The bulk of the surrounding population draw their medicines from the local medical practitioners. Patients even within the mile limit find themselves, unwittingly, on the doctors' D lists, and who will argue with his medical adviser. The doctors' dispensing is effected in my area by people none of whom have any qualification for the art they profess to practise. Awkward prescriptions are referred to the local pharmacist yet my dispensing is liable to testing and those people can hand out anything without supervision (Schedule 4, D.D.A.—it matters not). It is not a question of convenience for these rural patients, as in many cases the "surgeries" are adjacent to pharmacies. The whole question of rural dispensing needs revision.

SMALL TOWN.

## COMING EVENTS

### Wednesday, June 8

MERSEYSIDE BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS. Visit to Chester Zoo, leaving Woodside by bus at 2.5 p.m.

### Thursday, June 9

LONDON CHEMISTS' GOLFING SOCIETY. Fixture at Sudbury Golf Club (Telephone: Wembley 0218). REIGATE AND REDHILL PHARMACISTS' ASSOCIATION. Castle Hotel, Reigate, at 7.30 p.m. Annual meeting. Address by Mr. F. C. Wilson (secretary, Surrey Pharmaceutical Committee, and member of Pharmaceutical Society's Council).

WESTERN [LONDON] PHARMACISTS' ASSOCIATION. Visit to Allen & Hanburys, Ltd., Ware, leaving Allsop Place, London, W.1, at 1.45 p.m.

DARTFORD BRANCH, PHARMACEUTICAL SOCIETY, is organising visits to the Wellcome Chemical Works, Dartford, on Wednesday, June 15, and Thursday, June 16, meeting at the works entrance at 2.30 p.m. Applications to Mr. G. H. Sheard, 267 Amies Road, Dartford (Telephone: Dartford 4110) by June 7.

THE ULSTER CHEMISTS' GOLFING SOCIETY will hold its McMullan Cup competition at Royal County Down course, Newcastle, co. Down, on June 9. A bus will leave Union Hotel, Belfast, at 9 a.m. A stroke competition for wholesale members will be held. Entries should be sent to the secretary, c/o Oriel Pharmacy, 363 Ormeau Road, Belfast.

DUBLIN PHARMACISTS AND STUDENTS will hold their annual summer outing to Killiney Castle Hotel, on June 12. Cyclists are requested to meet at Carlisle Buildings at 2.30 p.m. Tickets (including high tea and dance) 5s. each, may be obtained from any committee member. (Committee members will be at Carlisle Buildings at 2.30 p.m.).

## TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesales of standard quality. Prices of crude drugs and essential oils vary as to brand

### 28 Essex Street, W.C.2, June 1

BUSINESS in the PHARMACEUTICAL CHEMICALS market continues on routine lines. Demand for home consumption is no more than average while business for shipment to overseas markets is confined to a limited range of products, with PENICILLIN in good demand at competitive prices. A revised range of home trade prices for COCAINE and SALTS is notified, which came into operation on June 1. British makers notify a reduction of 10s. per cwt. in their prices for TARTARIC ACID as from May 30. In other directions quotations continue steady. There has been no improvement in the home trade demand for the majority of CRUDE DRUGS but some few items are meeting with a fair inquiry. A good volume of export inquiry is coming to hand but, owing to currency difficulties and import licensing restrictions, particularly in Continental countries, business is slow in maturing. There has been a sharp marking-up of prices for CHILLIES and the market seems likely to be going to still higher figures on a very limited supply on spot. With very little Portuguese ERGOT on spot and with but very few offers from origin—the price indicated being 8s. per lb., c.i.f.—the market is firm. French GENTIAN is a point dearer on spot on the week. The spot market for MENTHOL continues very firm. While there is not much home trade demand inquiry for shipment is fairly brisk. The spot value for Brazilian is fully 60s. per lb. A few offers of limited quantities from the source at 58s. per lb., c.i.f. There is again no trace of shipment prices for new crop SENEGA; a similar lack of shipment offers is noted for CASCARA SAGRADA. Conditions in the ESSENTIAL OILS market are quiet but steady. Spot values of West Indian LIME are moving up with not much material offering. Reports from the source indicate that shipments of this oil have finished until the new crop oil is ready.

### U.S. Drug and Chemical Report

New York, May 27.

MERCURY has been reduced two dollars per flask—making the metal at \$81 a flask. The demand for mercury in the United States continues limited and stocks have been piling up as a result of the volume of imports in recent months. Further sharp increase in the quotation for MENTHOL is reported. This product had been marked up from an inside price of \$9.50 to a minimum of \$10.00 per lb. Despite the increases on the New York market, it is reported that prices quoted on imme-

mediate shipments from Brazil, i duty, freight, insurance and other are at least 60 cents per lb. higher while, more export inquiries have ported as a result of the lower prevailing on the New York market. for STREPTOMYCIN and PENCILL overseas has been maintained but domestic market the latter product competitive position and some nurers have shaded prices to n situation. A greater consump VANILLA BEANS in the United S expected to result from the recent of the market in Madagascar. The the beans has now reached \$3.25 here, and at the lower levels it is that some vanilla substitutes eliminated. Domestic consumers nicals are limiting their purchases t diate requirements. However, an inquiry from Europe is reported brought about a better demand f items, while recent statements m on the use of DDT have resulted i inquiries for such insecticides as THRUM FLOWERS. The tone of the tial oils market is reported firmer, is attributed more to a threatened supply in some items rather than greater demand. However, seaso fluences have contributed to the strength of flavouring oils while inquiries for PEPPERMINT have resu the arrest of the recent easier trend product. LIME prices are expected higher in view of the fact that ol produce is virtually exhausted.

### Exchange Rates on London

Bank of England fixed rates at the ing on Wednesday morning were:—

Centre	Quoted	F
*Alexandria ...	Piastres to £	97½
Amsterdam ...	Florins to £	10.68
*Bombay ...	Shillings to rupee	1-5½
Brussels ...	Francs to £	176½
Copenhagen ...	Kroner to £	19.32
Dutch East Indies ...	Florins to £	10.68
Dutch West Indies ...	Florins to £	7.59
*Hong Kong ...	Shillings to \$	1-2½
Lisbon ...	Escudos to £	99.80
Montreal ...	Dollars to £	4.02½
New York ...	Dollars to £	4.02½
Oslo ...	Kroner to £	19.98
†Paris ...	Francs to £	1.096
Rio de Janeiro ...	Cruz to £	75
*Singapore ...	Shillings to \$	2-4
Stockholm ...	Kronor to £	14.47
Zurich ...	Francs to £	17.34

\* Free market rates

† Forward francs 1 fr, either side par per n h

## Pharmaceutical Chemicals

**ANILIDE.**—Quotations for 1-cwt. kegs are at 2s. 1d. per lb. for crystals, 2s. 2½. for powder.

**SODIUM CARBONATE.**—Lump, B.P., 1-cwt. lots, packed in casks, is quoted at 1s. 6d. per ton. **BICARBONATE, B.P.**, in casks, packed in non-returnable drums, is quoted at £40 per ton.

**BOIC ACID.**—Makers' quotations for chemical quality are from 2s. to 3s. 6d. per lb., as to quantity.

**BYL BENZOATE.**—Quiet. B.P. is quoted from 4s. 3d. to 5s. per lb., as to quantity.

**BUTYR.**—Home-trade rates in 1-cwt. lots: **CARBONATE**, 14s. 5d. per lb.; **ACID**, 12s. 1d.; **SALICYLATE** and **SUBSTITUTE**, 12s. 4d.; **SUBGALLATE**, 15s. 4d.

**BX.**—Rates for B.P. are unchanged. **POWDER**: Granular, £38 per ton; powder, 9 10s.; powder, extra fine, £40 10s.; powder, £39. Rates for commercial grades (per cent.) are: granulated, £27 10s.; powder, £30; powder, extra-fine (or extra), £31. Smaller quantities are from 5s. per cwt. more than the foregoing rates. Carriage paid (minimum 1-ton lots) in the U.K.

**CA.**—Rates for B.P. grades are as follows: Granular, £60 per ton; powder, £62; powder, extra fine, £64; powder, £61. Rates for commercial are: granular, £48 per ton; powder, £51; powder, extra fine (or crystal), £53. Smaller quantities are from 1s. to 5s. per cwt. more than the foregoing rates. Carriage paid (minimum 1-ton lots) in the U.K.

**CHLOROPHYLL.**—Pharmaceutical quality is quoted at 60s. per lb.; soapmakers' grade is available at 17s. 6d. per lb.

**CITRATE.**—The following revised standard prices and terms of sale came into effect on June 1. **ALKALOID, CITRATE** and **SALICYLATE**, bottles, ½-oz., 65s. 6d.; 1-oz., 62s.; 1-oz., 60s. 6d.; 2-oz., 59s.; 4-oz., 58s.; 8-oz., 57s. 3d.; 16-oz., 54s. 4d.; 32-oz., 53s. per oz. **HYDROCHLORIDE, CITRATE** and **SULPHATE**, bottles, ½-oz., 58s. 1d.; 1-oz., 55s. 3d.; 1-oz., 53s.; 2-oz., 52s. 1d.; 4-oz., 51s.; 8-oz., 50s. 6d.; 16-oz., 49s. 1d. Tins, 25-oz., 46s. per oz. Packaging free, net, monthly account, carriage paid.

**ETHINE.**—Steady. Makers' rates per cwt. are as follows: **HYDROCHLORIDE**, 1 oz., 180s.; 4 oz., 180s.; 16 oz., 177s. 6d.; 32 oz., 175s. **BISMUTH IODIDE**, 1 oz., 96s. 6d.; 16 oz., 93s. 6d.; 32 oz., 92s.

**HYPOPHOSPHITES.**—Makers' rates per lb. lots are: **AMMONIUM**, 9s. 3d.; **MAGNESIUM**, 6s. 3d.; **CALCIUM**, 4s. 11d.; **IRON**, 4s. 11d.; **MAGNESIUM**, 7s. 9d.; **MANGANESE**, 7s. 9d.; **POTASSIUM**, 6s. 1d.; **SODIUM**, 6s. 1d.

**PHOSPHATES.**—Steady. Makers' rates per lb. are as follows:—**SODIUM, B.P.**, 1 cwt., 6d.; 28 lb., 7½d. **SODIUM ACID, B.P.**, crystals, 1 cwt., 1s. 9d.; 28 lb., 2s. **POTASSIUM, granular**, 4s. 2d.; powder, 4s. 5½. (for 7-lb. lots). **AMMONIUM, B.P.C.**, 1 cwt., 2s. 6d.; 28 lb., 2s. 10d. **PHOSPHORIC ACID, B.P.** (concentrated), is from 1s. 2d. to 1s. 3d. in carboys and from 1s. 5d. to 1s. 9d. per lb. in winchesters.

**PILOCARPINE.**—Makers' prices are unchanged. Rates per oz. are: **ALKALOID**.—1 oz., 36s. 9d.; 4 oz., 35s. 3d.; 25 oz., 34s. **HYDROCHLORIDE**.—1 oz., 34s. 9d.; 4 oz., 33s. 3d.; 25 oz., 32s. **NITRATE**.—1 oz., 33s. 3d.; 4 oz., 31s. 9d.; 25 oz., 30s. 6d.

**PYROGALLIC ACID.**—Quotations for **CRYSTALS** are: 1 cwt., 18s. 6d. per lb.; 56 lb., 19s.; 28 lb., 20s. **RESUBLIMED** is 22s. 3d. per lb. in 1-cwt. lots; 56-lb., 22s. 9d.; other quantities in proportion.

**ROCHELLE SALT.**—Rates per cwt. for powder or granular salt are: 5 cwt., 130s.; 1 cwt., 132s. 6d. Crystal is 2s. 6d. per cwt. more than the foregoing prices. **SEIDLITZ POWDER**, ordinary, is now 103s. 9d. per cwt.; extra strong, 111s. 6d. per cwt.; double strength, 116s. per cwt.

**SALICYLIC ACID.**—Makers' quotation for 1 cwt. is 2s. 2½d. per lb.; scheduled rates per lb. for quantities of 28 lb. and under 1 cwt. (containers in brackets) are: 2s. 10½d. (1-lb.); 2s. 9½d. (2-lb.); 2s. 9d. (4-lb.); 2s. 8d. (7-lb.); 2s. 7½d. (14-lb.); 2s. 6½d. (28-lb.). Net one month.

**SALOL, B.P.C.**—Current quotations for quantities of 28 lb. to 1 cwt. are from 9s. to 9s. 4½. per lb., according to pack. Prices for larger quantities are from 7s. 6d. to 8s. per lb.

**SODIUM ALGINATE.**—Current rates per lb. are as follows: 7-lb. lots, 7s. 3d.; 28-lb., 7s.; 1-cwt., 6s. 6d.

**SODIUM LAURYL SULPHATE.**—B.P. material is quoted at about 8s. 6d. to 9s. per lb. for small quantities. **EMULSIFYING WAX** is available at 6s. to 6s. 9d. per lb.

**SULPHONAL.**—Quoted from 44s. to 53s. per lb., as to quantity.

**SULPHANILAMIDE.**—Steady. Prices are as follows: 5 cwt., 6s. 3½.; 1 cwt., 6s. 6d.; 28 lb., 6s. 10d.; 14 lb., 7s.; 7 lb., 7s. 9d. per lb., net; packing extra.

**TARTARIC ACID, B.P.**—British makers notify a reduction of 10s. per cwt., in their prices, as from May 30. The current scales are:—10 cwt. and over, 170s.; 5-9 cwt., 172s.; 2-4 cwt., 174s.; 1 cwt., 176s. per cwt., delivered.

**THYMOL, B.P.**—Makers' prices are from 17s. 6d. to 18s. 6d. per lb., as to quantity.

**VANILLIN.**—Current rates are: 5 cwt., 22s. per lb.; 1 cwt., 22s. 3d.; 56 lb., 22s. 6d.; smaller quantities, 22s. 9d. per lb. Supplies from maker are on quota.

## Crude Drugs

**ACONITE.**—Indian, on the spot, is offered at 275s. per cwt.; *napellus*, quoted at 3s. 10½d. to 4s. 3d., duty paid.

**AGAR.**—Business quiet, values steady. Kóbé strip from 13s. 6d. to 15s. 9d. per lb., according to quality. South African powder, in tins in cases, 20s. per lb., spot.

**ALOES.**—Values unchanged, business small. Prime Cape on spot, from 110s. to 115s. per cwt.; forward, 105s., nominal, c.i.f.; f.a.q. from origin, 96s., c.i.f. Curaçao, 185s. per cwt. Socotrine, 170s. per cwt., spot.

**ANTIMONY.**—Metal prices are: 99.6 per cent, regulus, £210 per ton, delivered; 99 per cent., £200; 70 per cent., crude, £165.

**ARECA NUTS.**—Ceylon on the spot are quiet at about 57s. 6d. per cwt.

**ASAFETIDA.**—Persian block on spot is steady at prices from £14 10s. to £24 per cwt., according to grade.

**BALSAMS.**—*Canada* is quoted at 16s. to 18s. per lb., on spot; to come forward, 15s. 6d. *Pará Copaiba*, soluble, 4s. 6d. per lb., spot. *San Salvador Peru*, 4s. 8d. per lb., duty paid. *Tolu*, spot 9s. 9d. per lb.; shipment, 9s. per lb., c.i.f.

**BELLADONNA.**—Jugo-Slav root is quoted at from 3s. 9d. to 4s. 6½d. per lb., duty paid, as to test; shipment, 3s., c.i.f. Jugo-Slav leaves (B.P.) are offered at 4s. 2d., duty paid. English leaves are offered at 4s. 9d. (0.546 per cent.) per lb.

**BENZOLIN.**—Market continues fully steady. Sumatra block on the spot, £15 10s. to £17 per cwt., as to quality; No. 1, at origin, £16, c.i.f. Sumatra free almonds are quoted on spot at from £45 per cwt. Siam block, small almond, £118 per cwt., spot.

**CAMPHOR.**—Steady. Chinese tablets are offered at from 7s. 6d. (½-oz.) to 7s. 9d. (1-oz.) per lb.; refined natural powder (B.P.), 6s. 3d. to 6s. 6d.; slabs (2½-lb.) 7s. 3d., spot, London, duty paid. English synthetic powder, B.P., is quoted at 5s. per lb., and technical at 3s. 9d. per lb., in 100-lb. lots.

**CASCARA SAGRADA.**—Business remains quiet. Spot quotations from 170s. to 185s. per cwt. No offers of new crop for shipment.

**CHILLIES.**—The market is much firmer. Mombasa, in short supply on spot, is now quoted at 155s. per cwt., and prices are expected to go still dearer. A fair inquiry is being received. Nigerian (Japanese type) is also dearer with anything on spot now at 280s. per cwt.

**CLOVES.**—Zanzibar, spot, unchanged at 1s. 1½d. per lb.; June-July shipment, 1s. 1d., c.i.f. Madagascar, in bond, 11d.; shipment, 10½d., c.i.f. Penang, spot, 3s.

**COCHINEAL.**—Silver greys on spot quoted at 4s. 2d. per lb.; blacks, 4s.

**COCOA BUTTER.**—Maximum price is 4s. 4½d. per lb., delivered.

**COLCHICUM.**—Corms on the spot offered at from 6s. per lb.; seeds 0.609 colchicine) are offered ex works at 13s. 3d. per lb.

**COLOCYNTH.**—White pulp (B.P.) is quoted at 2s. per lb.

**DIGITALIS.**—English leaves, from 2s. 3d. per lb.; powder, B.P., 5s. lb.

**DRAGONS BLOOD.**—Singapore reboiled, £65 per cwt., spot; No. 2, £50 10s. per cwt., spot.

**ELEMI.**—Manila No. 1 gum is valued at 2s. per lb., spot London.

**ERGOT.**—Difficult to locate spot value nominal. Very few offers from but shippers' idea of price seems to be 5s. per lb., c.i.f.

**GALLS.**—Steady. Persian blues on spot at 260s. per cwt.

**GAMBOGE.**—Siam pipe £45 per cwt. paid; powder, 11s. per lb.

**GENTIAN.**—The market tends dearer with offers now at about 7s. per cwt.

**GINGER.**—African is steady at 14s. cwt., spot. Jamaican is nominal.

**HONEY.**—Prices are unchanged. Rates per cwt., for honey for manufacturing purposes, are as follows: In packings for quantities of 10 cwt. or more, 96s.; less than 10 cwt., 105s., net, c.i.f. paid. Refined repacked honey is available at the following rates per cwt.: In tins, 145s.; 28-lb. tins, 130s.; 56-lb. tins, 120s., carriage paid, subject to warehouse discount of 8½ per cent.

**HYDRASTIS.**—Quotations are 30s. to 35s. per lb., ex wharf, London.

**IPECACUANHA.**—Market continues steady but on the quiet side. Near spot, 23s. to 24s. per lb. for f.a.q. August shipment, 20s. 6d. per lb. Colombian 21s. per lb., spot; 19s. c.i.f. Matto Grosso, 25s. per lb., c.i.f.

**KARAYA.**—Steady. No. 1 gum on quoted at 215s.; to arrive, 205s., c.i.f. 2, 180s. per cwt., spot.

**MENTHOL.**—Reports indicate the market continues very firm with the price at 60s. per lb. for Brazilian. The trade demand is limited but a good business and continued inquiry for ment continues. There are only a few offers of smallish parcels from Brazil the quotation firm at 58s. per cwt. for prompt shipment.

**MERCURY.**—Ex warehouse, £18 10s. flask; shipment, £17 17s. 6d., c.i.f. U.S.

**MYRRH.**—Aden sorts on the spot offered at £12 per cwt.; siftings are at £6 10s. to £7 per cwt.

**VOMICA.**—Cochin on spot is quoted 3s. per cwt.; at origin, quotations shed and garbled material are at 12s. 6d. Mangalore is 34s. per cwt., spot.

**ANUM.**—Steady. Fair drop is off 150s., peas at 190s., fair garbled 225s., and siftings at 80s. per cwt.

**ARB.**—Steady. Chinese roughs is about 5s. to 5s. 3d. per lb., duty to quantity. Fair stocks are held and the demand is moderate. No from China reported this week, exchange No. 3.

**S.**—ANISE. — Unchanged. Cyprus 1s. 4d. per lb. Turkish, 1s. 4d. per lb. Spanish, 1s. 4½d. per lb., duty paid, London. CARAWAY.—Dutch in demand at 115s. per cwt., duty paid, London. CELERY.—Indian quiet at 10s. per lb., spot, London. CORIANDER.—No firm at 37s. 6d. per cwt., duty paid, London. It is reported that stocks Morocco have been exhausted until the crop which is expected to be ready in early June. Argentine is in demand at 27s. 6d. per cwt., duty paid, London or Liverpool. CUMIN. — No firm on spot quoted at 165s. per cwt., reels now afloat at 135s. per cwt., New crop, June-July shipment at 130s. per cwt., c.i.f. London. Crop Morocco for July-August shipment at 110s. per cwt., c.i.f. London. DILL.—Indian on spot is at 47s. 6d. t., compared with the shipment of 2s. 6d. per cwt., c.i.f. London/Liverpool. — Only poor quality Indian offered at 67s. 6d. per cwt., spot, London. — Now afloat quoted at 60s. per cwt., FENUGREEK.—Market firm. Morocco offered at 55s. per cwt., duty paid, London. Indian spot has all been sold. For what it is reported that quotations are in at 61s. per cwt., c.i.f. London.

**PHANTHUS.**—Spot quotations for 100 per cent. *Kombé* are firm at the higher end of 12s. 3d. per lb.

**ES.**—Prices of Dar-es-Salaam Bees' steady; spot, 335s. per cwt.; May-shipment, 325s., c.i.f. Sudanese is at 305s. in bond; June-July shipment, 290s., c.i.f. Lindi is quoted at 330s., June-July shipment, 322s. 6d., c.i.f. Senegal is 305s. in bond; May-June shipment, 280s., c.i.f. CANDELLILLA.—Spot, 280s. per cwt.; June delivery, 290s. CAR.—Prime yellow is offering at 685s. t., spot; shipment, 600s., c.i.f. Fatty on the spot, is 445s. per cwt., shipment, 455s., c.i.f. Chalky grey, 430s. per spot; no forward offers. MONTAN.—Black is at 220s. per cwt., spot; June delivery, 200s. Czechoslovak crude, 200s. t., spot; June delivery, 180s. — 99.5 per cent. pure, 425s. per spot; 2 per cent. impurities, 410s. t., spot. SPERMACETI.—Quoted at per lb., spot.

## Essential and Expressed Oils

**BAY.**—Steady. West Indian on the spot is quoted at from 6s. to 7s. 6d. per lb.

**CADE.**—Steady. Spanish oil, B.P., on the spot, is offered at from 3s. to 3s. 3d. per lb. upwards.

**CAJUPUT.**—Steady. B.P. grade is offering at from 23s. to 25s. per lb., spot.

**CAMPHOR.**—White oil on spot is quoted at from 2s. 3d. per lb., duty paid; forward, 1s. 10d., c.i.f.; brown oil, from 1s. 9d. per lb., spot, duty paid.

**CARAWAY.**—English-distilled is offered at from 37s. to 40s.; imported, 27s. 6d. to 30s. per lb., as to quantity.

**CITRONELLA.**—Ceylon on the spot is unchanged at from 3s. 10½d. per lb.; 3s. 9d., c.i.f. Java is now quoted on spot from 8s. 6d. to 8s. 9d. per lb. Forward offers, afloat, 6s. 6d.; June-July, 6s. 8d. per lb.

**GERANIUM.**—Bourbon on spot is firmer at 60s. per lb.; African is quoted at about 60s. per lb., spot.

**GINGER.**—Quotations are from 65s. to 75s. per lb., as to grade.

**GUAIACWOOD.**—Spot quotations are at from 17s. to 19s. per lb.

**LIME.**—Limited supplies of West Indian are reported on spot and the quotation is firm at 37s. 6d. per lb. upwards. No offers from origin and shipments are reported to be finished until new crop is ready.

**NUTMEG.**—Prices of English-distilled oil are at 35s. to 37s. 6d. per lb.; second-grade, 25s. per lb.

**PENNYROYAL.**—B.P.C. is offered at from 13s. per lb. in original 250-lb. drums to 14s. 6d. per lb. for smaller quantities.

**PEPPERMINT.**—English-distilled "Mitcham" oil is offered at 200s. per lb.

**ROSEMARY.**—Spanish is offered at 5s. 6d. to 7s. 6d. per lb., as to quantity; Dalmatian, from 5s. 6d. to 6s. 6d., spot, London.

**SANDALWOOD.**—Mysore oil on spot, from 63s. to 73s. per lb.; English-distilled is about 75s. per lb.

**SASSAFRAS.**—Brazil on spot is quoted at from 4s. 6d. to 5s. 3d. per lb.

**TEASEED.**—Prices of refined oil steady to 27s. 6d. per gall., spot.

**TEREBINTH.**—Quotations for B.P. oil are from 1s. 6½d. to 1s. 10½d. in winchesters, and 1s. 5d. per lb. in carboys.

**THYME.**—Red oil (40-42 per cent. phenols), 10s. 6d. to 12s. 6d. per lb.; white oil, 17s. to 18s. 6d. per lb., spot.

**TI-TREE.**—Quotations are from 6s. 6d. to 7s. per lb., according to quantity.

**VETIVERT.**—Bourbon on spot is quoted at from 65s. to 70s. per lb., as to grade.

**YLANG YLANG.**—Bourbon, 60s. to 70s. per lb., as to grade and seller.

## TRADE MARKS

(From the "Trade Marks Journal," May 18)

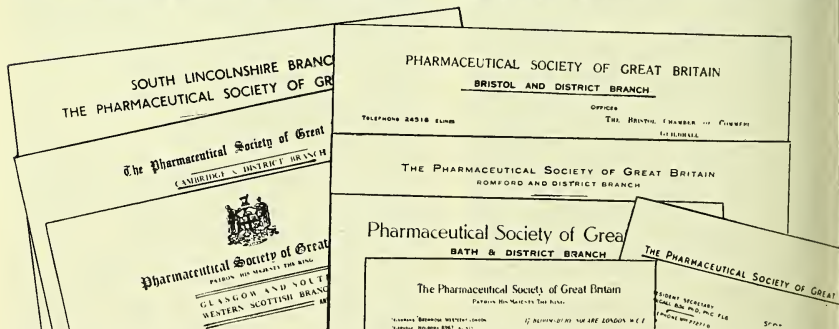
- "QUIX QUIX QUIX" on label device; by Joseph Watson & Sons, Ltd., Leeds; 668,892. For non-saponaceous detergents in liquid form (3).  
 "HINDS CREAM" on label device; by A. S. Hinds, Ltd., London, S.W.20; 669,956. For lotions and creams, being non-medicated toilet preparations for the skin (3).  
 "BUCKET BRAND" and device of bucket, by Gerard Brothers, Nottingham; 672,050. For soaps (3).  
 "THREE LITTLE BOTTLES THAT BUILT THE PLANT" and device of three bottles; by Nuodex Products, Co., Inc., Elizabeth City, U.S.A.; B657,658. For fungicides and insecticides (5).  
 "GRAVONECT," "SUPRANECT" and "TAURONECT"; by Maatschappij Voor Biotechniek N.V., Apeldoorn; 663,501 and 663,504-05. "NOLOXIN"; by Herbert Szama, Buenos Aires; 672,312. For pharmaceutical preparations (5).  
 "HOLLOWAY'S PILLS"; by Holloway's Pills, Ltd., London, S.W.1; 669,747. For medicated pills (5).  
 "ESTROGEST"; by The British Drug Houses, Ltd., London, N.1; 671,770. "AVLONYL"; by Imperial Chemical (Pharmaceuticals), Ltd., Slough; 673,345. For all goods (5).  
 "MERSOLITE"; by F. W. Berk & Co., Ltd., London, W.C.1; 672,089. For pharmaceutical compounds of organic substances and mercury (5).  
 "MERIDIAN"; by J. B. Lewis & Sons, Ltd., Nottingham; 673,348. For menstruation appliances and underclothing (5).  
 "REBECO"; by R. B. Production & Engineering Co., Ltd., Bridlington; 672,710. For scientific apparatus and instruments (9).  
 "KAYLOMETER" by Kaylene, Ltd., London, N.W.2; 673,230. For all goods (10).  
 "RAMER"; by Ramer Chemical Co., London, S.W.1; B670,687. For sponges (21).  
 "GILDA"; by Kigu, Ltd., London, N.W.10; B673,622. For hair combs (21).

"CARNIVAL"; by Teitz & Scott, Ltd., London, E.C.1; 672,363. For surgical articles made of india-rubber (10).

(From the "Trade Marks Journal," May 18)

- "PLANOFIX"; by May & Baker, Ltd., Dagenham; 671,104. For all goods (1).  
 "SOLSEAL"; by The British Drug Houses, Ltd., London, N.1; 673,903. For industrial chemicals (1).  
 "ANTAROX," "ANTARANE," "ANTARATE," "ANTARON"; by General Aniline & Film Corporation, New York; 673,541-48. For all goods (1) and (3).  
 "CHOPELLE"; by Jasco, Ltd., London, N.W.1; 657,899. "JEALOUSY"; by Parfums Blanche, New York; 669,298. "CLARRID"; by Collins, Ltd., London, W.1; 670,297. "LIN"; by Medopharma, Ltd., Richmond; 674,074. For non-medicated toilet preparations (3).  
 "DORAL"; by P.A.C. (Chemicals), Ltd., Manchester; 662,231. For liquid antiseptic preparations (3).  
 "PLYNINE"; by the Plynine Co., Ltd., Manchester; 670,035. For all goods (3).  
 "BI-RI" in distinctive lettering; by H. & Co., Ltd., London, E.1; 671,060. For perfumes (3).  
 "BATHJOYS" on label device; by Reckitt & Co., Ltd., Hull; 672,349. For non-medicated bath salts (3).  
 Device of 18th century figure; by Lewis & Sons, Ltd., London, W.1; 673,035. For soaps (3).  
 "SOLTORONE"; by Estelle Gainsborough, Ltd., London, W.1; 668,205. For medicated lotions (5).  
 "FORD"; and oval device including man on back; by British Medical Laboratories, Ltd., Sydney; B663,789. For medicated lotions (5).

## HEADINGS CHEMISTS HAVE VOTED TO KEEP



EXPRESSIONS OF PERSONALITY.—At the meeting of Branch Representatives of the Pharmaceutical Society of Great Britain, May 19, an overwhelming vote was given for retaining "character" in branch notepaper and against the possibility that stereotyped stationery might be provided by the Council.

# BURGOL

## ANTISEPTIC



An Antiseptic of the Popular  
"PARA-CHLOR-META-XYLENOL" TYPE

Can be recommended for general, medical  
and personal use. The pleasant aroma  
attained by incorporating Ti-tree Oil makes  
an instant appeal to the discriminating user.

4 oz.

Retail 1/3 each

8/6 doz.

plus P.T. 1/3rd

**NON-POISONOUS**

**SAFE AND RELIABLE**

**3 TIMES STRONGER THAN PHENOL**

(Rideal-Walker Test)

**FORMS A CLEAR SOLUTION IN ALL  
PROPORTIONS WITH WATER**

**A WORTHY MEMBER OF THE FAMOUS  
RED DIAMOND BRAND SERIES**

In two sizes: 4 oz. and 16 oz. Bottles.

16 oz.

Retail 3/9 each

25/3 doz.

plus P.T. 1/3rd

### BURGOYNE BURBIDGES

Established 1741. & COMPANY LIMITED, LONDON. E.6



# Liquid Paraffin White Oils and Petroleum Jellies

Further information, samples and  
quotations on request to Dept. PA.1.

**PUREMOR LTD**

*Distributors for*

**MANCHESTER  
OIL REFINERY  
LIMITED**

**M.O.R GROUP OF COMPANIES**

Twining Road, Trafford Park  
Manchester 17

**BRITISH REFINED OILS**

**FILLING the National Demand**



- \* Fills any shape of bottle with unskilled labour.
  - \* Leaky vessels automatically rejected.
  - \* Automatically fills to pre-determined level
  - \* Accurate — no overflow — waste or wiping.
- This is the Single Head Model. This and other models, available for early delivery.



Write for descriptive pamphlet No 8  
Manufactured by:  
**BUSBY, WINTER & CO. LTD**  
Vacfill Works, Andover Place, London, N.

*Speaking of*  
**NORTHERN  
IRELAND**

WILL REMIND YOU OF

**Belfast Telegraph**

The Newspaper with the largest  
circulation in Northern Ireland.  
Read in the homes of the people  
throughout the whole of this  
important industrial and agricultural  
part of the

**UNITED KINGDOM**

HEAD OFFICE:  
ROYAL AVENUE,  
BELFAST.

LONDON OFFICE:  
112 FLEET STREET,  
LONDON, E.C.4

*The  
World's  
Leading  
Food Preservative*



**BUSH**

*Sodium  
Benzoate*

J. BUSH & CO. LTD. LONDON. E.8. ENGLAND

**JKL**

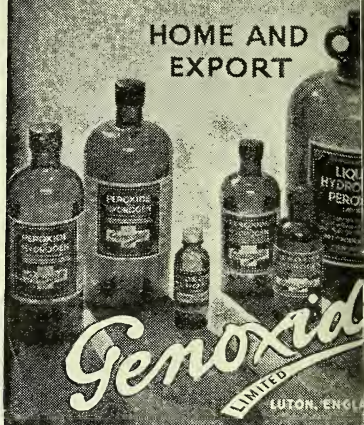
ADONIS VERNALIS  
 AGAR AGAR  
 ALOES  
 BELLADONNA LEAVES and  
 ROOTS  
 CAMPHOR, JAPANESE  
 CASSIA FISTULA  
 CINCHONA BARK  
 LIQUORICE ROOT and JUICE  
 MALEFERN ROOT  
 MENTHOL CRYSTALS  
 NUX VOMICA  
 STROPHANTHUS COMBE and  
 GRATUS  
 TONQUIN BEANS  
 and all other Botanicals

**JOHN KELLYS (LONDON) LTD.**

24 OLD BROAD STREET, LONDON, E.C.2  
 Telephone: LONDON Wall 4882, 6583, 6586  
 Telegrams: "Ergotine, Steck, London."

BOTTLED  
**HYDROGEN  
 PEROXID**

HOME AND  
 EXPORT



Telephone 9  
 MAN. HOUSE, 6877  
 5 Lines.

**A. REVAI & CO. LTD.**

7-8, IDOL LANE,  
 LONDON, E.C.3

**PARATHYROID POWDER  
 THYROID POWDER  
 GLANDULAR PRODUCTS**

**GUM TRACACANT**

**GUM KARAYA**  
 WHOLE AND POWDERED

**M. HAMBURGER & SO**  
 DIRECT IMPORTERS  
 Ceylon House  
 EASTCHEAP, LONDON, E.C.1  
 Telephone: Mansion House 4405 (3 lines)

Manufacturers of

**TANNIC ACID** (Bulk Supply  
 Only)  
ALL QUALITIES

**THE BRITISH DYEWOOD COMPANY LTD.**  
 19 St. VINCENT PLACE, GLASGOW, C.1

Telephone: CENTRAL 4425

Telegrams: DYEWOD



# PENICILLIN PRODUCTS

**PENICILLIN AURACONES (DUNCAN)** — Aural bougies each containing 500 units of penicillin (calcium salt) in a theobroma basis for the treatment of otitis externa. Boxes of 18.

**PENICILLIN GYNACONES (DUNCAN)** — Pessaries each containing 5,000 units of penicillin (calcium salt) in a theobroma basis for the treatment of intractable vaginal discharges. Boxes of 6 and 12.

**Duncan, Flockhart & Co. Ltd.**, also offer a complete range of official penicillin preparations.

*A telephone call will receive prompt attention.*

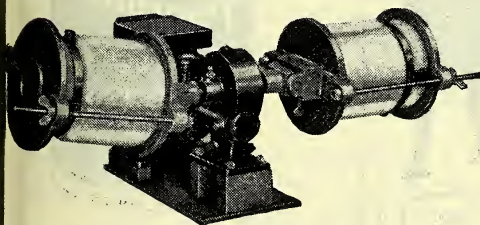
## DUNCAN, FLOCKHART & CO. LTD.

EDINBURGH • TEL.: 32801

LONDON • TEL.: TERminus 1033

*laboratory ball mill and mixer . . . . .*

*the laboratory  
unit with a  
new angle  
on mixing*



Extremely useful for processing small quantities of powders and liquids. Can be used either as a ball mill or without the ball charge for mixing. This

## PASCALL

unit is arranged with two porcelain jars clamped to rotating tables which can be off-set to the axis, an arrangement that imparts a rolling, figure 8 motion to the material and speeds up mixing.

Write for List

CD 649

**PASCALL ENGINEERING CO. LTD., 114, LISSON GROVE, LONDON, N.W.1**

## SPECIALISTS IN SURGICAL RUBBER MOULDINGS

**Reliance**

Regd. Trade Mark

## SEAMLESS MOULDED BULBS

(with or without metal valves)



These Bulbs are something new, each being seamless moulded on a steel core. They should not be confused with the "Blow" type of Bulb. Standard 2oz.

Send us your enquiries which are free and will receive our immediate attention.

RELiance RUBBER COMPANY LTD. 88 LOTS ROAD, LONDON

Telephone: FLAXMAN 6200 0985/6. ESTABLISHED 1889.

**ACCURACY**IS ESSENTIAL  
IS ENSURED

WITH

**GARDNER'S**

PATENT  
'RAPID'  
SIFTERS &  
MIXERS



WM. GARDNER & SONS (GLOS.) LTD.  
BRISTOL ROAD · GLOUCESTER  
Phone: Gloucester 21261 Grams: Gardner, Gloucester  
LONDON: 19 Gray's Inn Chambers, 20 High Holborn,  
London, W.C.1. Phone: OHAncery 7347.

**Pharmitex**  
PURE  
TOILET TISSUE is post quality and  
Chemists only



**HAROLD WESLEY LTD**  
HARLEY MILLS, LONDON, N.W.10



# N.H.S.

# M.P.S.

## The arrangements for the supply of BROOKS RUPTURE APPLIANCES

For HERNIA of all kinds, the medical profession has, for many years, prescribed the fitting of BROOKS RUPTURE APPLIANCE.

Under the NATIONAL HEALTH Pharmaceutical Service, registered chemists are appointed distributors of prescribed appliances, and we welcome this co-operation. May we send you full particulars of our service?

Illustrated are two types of BROOKS APPLIANCES—typical of our very wide range. A special point of our service is that we make and supply within a week of receiving the measurements. Measure Forms, Show Cards, Catalogues and Leaflets supplied on request.



**A. Brooks Automatic Air Cushion Pad**—hygienic detachable rubber dome, takes in and exhausts air with every movement.



**B. Brooks Hand-made Air Cell Pad** for Scrotal ruptures. Thousands of air cells adapt themselves to the body. Cannot puncture or lose shape.

## BROOKS APPLIANCE CO., LTD.

(854) 80 Chancery Lane, London, W.C.2 Tel.: Holborn 4813

and at (854) HILTON CHAMBERS, HILTON STREET  
STEVENSON SQUARE, MANCHESTER, 1. Tel.: Central 5031

(854) 66 RODNEY STREET, LIVERPOOL. Tel.: Royal 6548

Also at Buenos Aires, Johannesburg, Sydney, Melbourne, Calcutta, etc.

# PACKS



for your own  
PRODUCTS

The best way to publicise your  
Proprietary Brands is to give them  
"eye appeal" with packs of attractive  
design, soundly manufactured. Let us send  
you samples to suit your individual needs.

**J. DRING LTD.** THE AIRPORT PORTSMOUTH.

Tel. 744 10

## BOXFOLDIA LTD.

BOURNBROOK, BIRMINGHAM

CARTONS & DISPLAY CONTAINERS

## VACUUM FLASKS

in attractive colours at popular prices

London Delivery Free

Special Terms to Wholesalers

### SPECIAL OFFER of Rubber Gloves

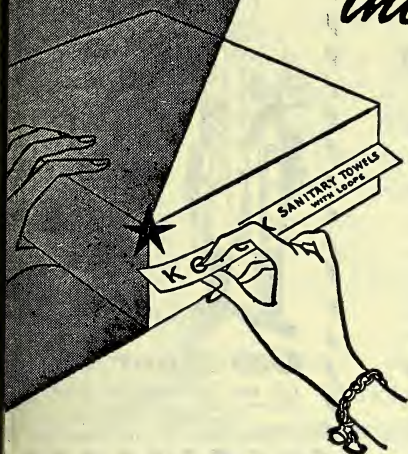
Heavy Gauge Rubber Gloves	16/- d
Medium Gauge Rubber Gloves assorted sizes	14/- d
Light Household Rubber Gloves assorted sizes	10/8 d
Household Rubber Gloves, Size 7 only	8/- d

Your Sundries may be delivered weekly by our own vans in London and Suburbs

Please send for our FREE C. D. price list or 'phone AVenue 4966 Ext. 1

**L. FRANKENBERG LTD**  
37 HOUNDSDITCH, E.C.3

*Favourite with women  
the world over*



★ Simply remove the perforated strip  
and the plain box is ready for sale.

**KOTEX**

SANITARY TOWELS  
WITH LOOPS

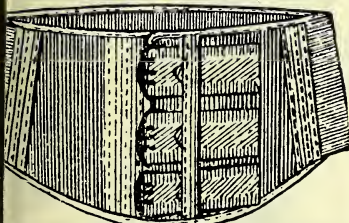
*New 1/10d. per Box (C.P.R.C. Approved)*

COTTON PRODUCTS LTD., 53/54 AYLMER PARADE, LONDON, N.2.

**"Clifton"**

Brand

SURGICAL APPLIANCES and SUNDRIES  
ABDOMINAL BELTS and CORSETS  
SUSPENSORY BANDAGES  
ELASTIC HOSE and STRAPS  
ELASTIC HOSE and STRAPS  
RUSSES CHEMISTS SUNDRIES



Appliances N.H.S. All types

Special terms to wholesalers

See for price list

**CHARLES WILLIAMS & Co.**

(Proprietors: A. G. Price)

100, QUEEN STREET, BEESTON, NOTTS

**Sorbo**  
THE ORIGINAL  
SPONGE RUBBER

**MEDICAL  
SUPPLIES**

WILL

**HELP YOUR TRADE**

HOSPITAL RINGS  
RUBBER SHEETING  
SPONGE RUBBER  
SUPPORTS, ETC...

**SORBO LTD WOKING SURREY**

Phone WOKING 966

Grams SORBO SURREY

# PROMOL

## JUNIOR MOTH RINGS

### CONTAIN DEADLY D.D.T.

PROMOL MOTH RINGS JUNIOR SIZE are now doubly efficient by compounding Naphthalene with Paradichlorbenzenum and D.D.T. The first two, powerful moth repellents, evaporate gradually, leaving the deadly D.D.T. as fine powder which *kills insects by contact*, thus giving an extra protection. Tell your customers this for **SURE SALES**.

Twice as efficient as before—twice as saleable. 8 rings for 4d.

Attractive red, white and blue display carton. Enquiries Invited.



Send Your  
Enquiries  
**NOW!**

PROMEDICO PRODUCTS LTD., 21/22 Turle Road, London, N.4

## GARDINER'S FOR COATS

**LONG COAT**  
**WHITE DRILL**  
3 Outside Pockets

**FINE WHITE DRILL**  
3 Buttons, 3 Outside Pockets, Chest 32" to 46"

**ALL SHRUNK**

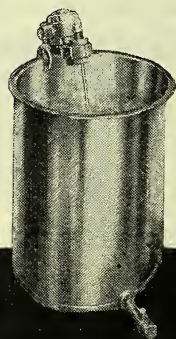
**WRITE OR PHONE FOR PARTICULARS**

**Gardiner & Co.** (The Scotch House)  
1, 3 and 5 COMMERCIAL ROAD, LONDON, E.C.6  
Opposite Abigade East Station. Phone: B13 6751 (3 lines)  
Branches: DEPTFORD, S.E.8; WOOLWICH, S.E.18; CLAPHAM, S.W.

**FOR LIQUIDS OF EVERY CONSISTENCY**

## MITCHELL

**RAPID MIXING STIRRING UN**



For mixing liquids of every consistency, you need a mixer that is adaptable and versatile. We can fulfil both these requirements and from our wide range, there is sure to be one for your particular job. Why not consult us?

The illustration shows portable mixing unit clamped to the side of a tank in a chemical works.

**L. A. MITCHELL LIMITED**  
37 PETER STREET · MANCHESTER 2

# BROBAT ANNOUNCE BOTTLE CHARGES OFF

It is our pleasure to announce that on and after June 1st there will be *no deposit* charged on the bottles of our famous Bleach. The usual credit will be allowed for bottles on which a charge has been made. ¶ Brobat Products have a heavier advertising appropriation this year than ever before. Stock up now and sell these profit-making lines.

**BROBAT MANUFACTURING CO., LTD.**  
52 Wandle Bank, Wimbledon, S.W.19



**OVER 35,000**

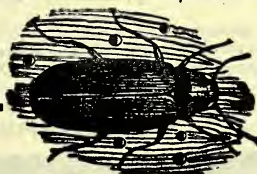
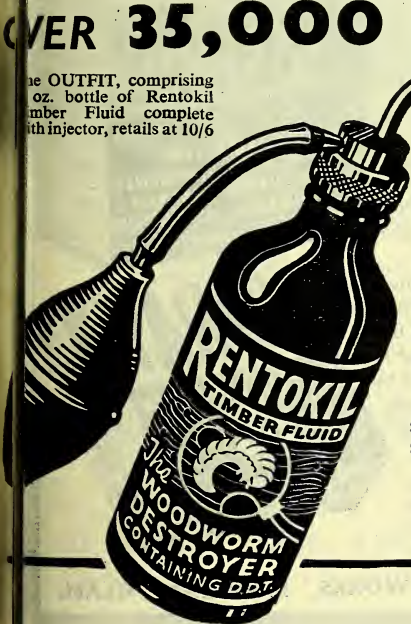
**already sold**

the OUTFIT, comprising  
oz. bottle of Rentokil  
Timber Fluid complete  
with injector, retails at 10/6

The Rentokil Junior Injector (for forcing timber fluid into wood worm flight holes) has already 35,000 satisfied users. Advertisements are now appearing in *The People, News of the World, Sunday Empire News, Daily Mail, Express, News Chronicle, etc., etc.* Hundreds of letters are being received from the public asking where the injector can be obtained locally—DON'T LOSE A SALE—When your customers ask for the Rentokil Junior Injectors, MAKE SURE YOU HAVE THEM. If you haven't WRITE OR PHONE IMMEDIATELY TO

## RENTOKIL LTD

SCHOOL LANE, FETCHAM, LEATHERHEAD  
SURREY Telephone: LEATHERHEAD 4021/2



THIS HANDY PLASTIC CONTAINER IS  
**increasing the already  
 great demand for  
 KORAY**

Those thousands who regard KORAY as their "First Aid" in case of pain are making this plastic container their constant companion. It holds 5 tablets and fits into a waistcoat pocket or the smallest handbag.



There is a container in every one of the neat, cellophane-wrapped packs of KORAY 28's and 64's. These larger sized packs of KORAY tablets give you a good profit margin and are excellent counter-lines. They are backed by powerful national advertising and create that goodwill which is only associated with a tried and proved product of quality.

*The 10 tablet pack, recently re-designed, will act as an introduction to those who are not yet fully aware of the thoroughly dependable analgesic qualities of KORAY.*

Send your order now to:

**KORAY LTD., GOLDEN MILE WORKS, BRIDGEND, GLAM.**

# CHEMISTS WAKE UP!

We feel that  $33\frac{1}{3}\%$  to 100% purchase tax on chemists' items four years after the war is an imposition. We also have a lot to say about your income tax. So we drafted an advertisement about it to wake you up to what is going on.

BUT the publishers thought it was far too "hot"—it was not dignified enough. We think it's better to expose these things than to bother about dignity, but we must bow to their decision as we don't own the paper.

But if you'd like a copy of the original advertisement drop us a card and we'll send it to you.

---

Published by, and at the expense of:—

**GORDON-MOORE'S COSMETIC TOOTHPASTE**

*The finest Toothpaste in the world—*

*It rose-tints the gums to match lipstick*

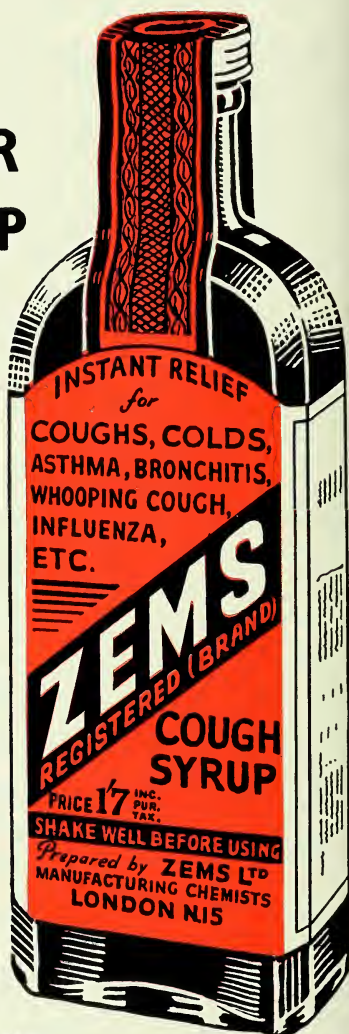
**31 SINCLAIR ROAD, KENSINGTON, LONDON, W.14**

Telephone: Shepherd's Bush 1131-1132.

Telegrams: Dazzling, London

## THE POPULAR COUGH SYRUP

Good for  
the young  
and  
good for  
the old



Supplies may be obtained



from C.F. Wholesale Houses

# ZEMS LTD

718-724 Seven Sisters Road, London, N.15

Telephone: STAMFORD HILL 6658-9

# Where experience counts.....!

Successful cultivation of medicinal plants is an art which results only from long experience.

For over 100 years William Ransom & Son Ltd. have specialised in drug growing and the wealth of their knowledge is reflected in the outstanding quality of their products.



*A field of young henbane, Ransom's Farm, Hitchin*

## ACTUAL GROWERS OF

BELADONNA • HENBANE  
PEPPERMINT  
FOXGLOVE • CHAMOMILE  
LAVENDER

## EXTRACTS

(Solid and Liquid)

TINCTURES • RESINS  
OLEO-RESINS • RESINOIDS  
ESSENTIAL OILS • CHLOROPHYLL

MANUFACTURING CHEMISTS AND GROWERS OF  
MEDICINAL PLANTS FOR OVER A CENTURY



**WILLIAM RANSOM & SON LTD.**  
*Hitchin Hertfordshire England*

*Yes...*  
**RENDELL-FOAM**  
*is Selling*

Chemists who wisely ordered this new contraceptive, and use the attractive display material, are doing brisk business.



Rendell-Foam is worthy of your recommendation for the following reasons:—

- ★ The result of biological and clinical research it sets a new standard in the technique of contraception and will be widely prescribed where conception control is necessary or desirable
- ★ Completely spermicidal and remarkably rapid in action.
- ★ Non-irritant, has no objectionable odour, and is free from insoluble substances.
- ★ Will keep indefinitely and is not affected by climatic conditions.
- ★ The retail price, 2/6 per tube of twelve tablets is an important public consideration.

OBTAINABLE FROM ALL WHOLESALERS P.A.T.A

Supplies of less than 6 dozen tubes	...	...	21/- per dozen net
Supplies of not less than 6 dozen tubes	...	...	20/- per dozen net
Supplies of not less than 12 dozen tubes	...	...	19/- per dozen net

**W. J. RENDELL LTD**

161/165 ROSEBERY AVENUE - LONDON - E.C.1

# Dentists' Record Response to the only Ammonium Ion Toothpowder

Never before has a line evoked such interest among the Dental Profession as Ammi-dent.

Of the 14,076 Dentists circularised on March 1st, well over 7,000 have written asking for Professional Samples. Requests are still coming in every day.

Many Dentists have asked their usual chemists to put in stocks. A surprising number have ordered from 1 dozen to a gross full size 2/6 tins to give to their patients at their own expense.

Clinics all over the country are starting large scale tests to confirm the American findings.

With such support from the Profession itself, can you have any doubt that Ammi-dent is bound to be a big seller?

To be in the forefront with this great discovery, ask your wholesaler for a small order today. Supplies are still short.

## *Distributors :*

Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1

# Ammi-dent

*The Ammonium Ion Toothpowder*

**Actually helps to Prevent Decay**

**Retail 2/6 incl. Tax. Usual Trade Discounts**



*MADE AND GUARANTEED BY THE*

**NET DENTAL MANUFACTURING CO., WELWYN GARDEN CITY, HERTS.**

THIS  
SUMMERS  
BEST  
SELLER



**Cox's**

Inventors  
of the  
first  
D.D.T.  
flypapers

introduce

THE  
NEW

ARTISTIC COLOURED

**D.D.T. PARROT**

GUARANTEED 100% IMPREGNATED  
EACH CAN KILL 10,000 FLIES

**ORDER  
NOW**

retail **4<sup>1</sup>/<sub>2</sub>** each

Also  
Cox's  
Original  
Flypaper  
**3<sup>d</sup>**

**JAMES COX & CO.**  
(Manufacturing Chemist)

368 Northolt Road  
S. Harrow, Middx.

Tel: BYron 4326



LETTERPRESS & LITHO CARTONS

FOLDING AND RIGID BOXES

PACKINGS FOR SPECIAL PURPOSES

**JOHNS, SON & WATTS**

*The Packaging Specialists*

2-4 EPWORTH ST. LONDON E.C. 4

Phone: MONarch 7408 (three lines)

**NOW**

available again!

The **9<sup>d</sup>** size

**RODINE**

Phosphorus & Red Squill  
**RAT POISONS**

in addition to the 1/6, 3/- & 6/- sizes.  
This has been made possible by the  
introduction of a new aluminium compound.

Please order now for early delivery.

**T. HARLEY LTD., PERTH, SCOTLAND**

P.A.T.A.

# REDUCED PRICES

# **Osram**

## LAMPS

from JUNE 1st, 1949

### GENERAL LIGHTING SERVICE LAMPS

(Standard Voltages, 200-260 volts)

WATTS	COILED COIL (Pearl)			SINGLE COIL (Pearl or Clear)		
	OLD LIST PRICE	NEW LIST PRICE	Revised Purchase Tax extra	OLD LIST PRICE	NEW LIST PRICE	Revised Purchase Tax extra
	s. d.	s. d.		s. d.	s. d.	s. d.
	1 . 6	1 . 4	4d.	1 . 3	1 . 1	3½
	1 . 6	1 . 4	4d.	1 . 3	1 . 1	3½
	1 . 8	1 . 7	5d.	1 . 7	1 . 5	4
	1 . 10	1 . 8	5d.	1 . 8	1 . 6	5
	—	—	—	2 . 5	2 . 3	7
				C L E A R		
	—	—	—	4 . 0	3 . 6	11
	—	—	—	7 . 6	7 . 0	NIL
	—	—	—	9 . 6	9 . 0	NIL

**Now available**

# NEW, IMPROVED ARRID

over 8d. profit  
for you on every  
jar you sell!  
Retail price 2/5  
including  
purchase tax

—the cream deodorant  
which also stops perspiration

WOMEN are clamouring in the shops for Arrid—the world's biggest-selling deodorant which also stops perspiration. Advertising is being increased, and with a national campaign running, the demand is something terrific!

Arrid sells on sight, and you make over 8d. on every jar. Easy, quick profits, and satisfied customers who'll come in for other goods! You are well advised to stock up without delay.

## ORDER ARRID NOW!

Details of special terms for ARRID, Carter's Little Liver Pills, and other products from **THOMAS MARNS LTD., 2 CAXTON STREET, LONDON, S.W.1**

AN ALL COTTON WOOL PRODUCT OF REPUTE

**Consolux**  
(Registered) Patent No. 410702

**SUPERFINE QUALITY  
ALL WOOL SANITARY TOWELS**

**LOOPED ENDS  
NON-ABSORBENT BACK  
WHOLESALE ONLY**

**ROBERT BAILEY & SON, LTD.**  
SURGICAL DRESSING MANUFACTURERS  
DYSART STREET, GREAT MOOR, STOCKPORT  
Phone: GREAT MOOR 3066 Grams: "UNDISPUTED," STOCKPORT

**SURE-SELLING STOCK**

OVER 150 YEARS REPUTATION

**KEARSLEY'S**

THE ORIGINAL  
**WIDOW WELCH'S**

9d. BOX PROFIT by ordering  
3/3½ size. Bonus box given  
dozen (13). It pays to push

**C. & G. KEARSLEY**  
71 Dartmouth Rd., London  
Est. 1787

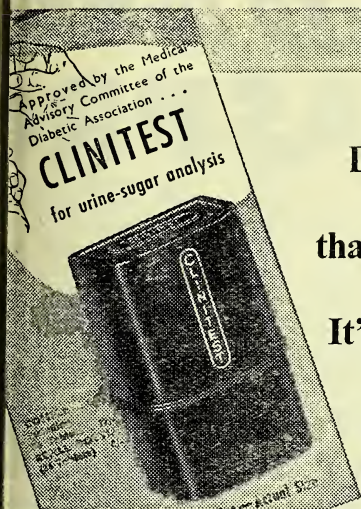
**SD2**

*The Symbol of  
PERFECT Skin Health*

A revolutionary product for the treatment of skin illnesses with unusual penetrating power. Sold under a money-back guarantee of satisfaction. Liquid and cream. Prompt deliveries.

**BIO-COLLOIDS, LTD., ALTRINCHAM, CHESHIRE**





**Diabetic customers will  
thank you for this leaflet.  
It's good news for them –  
good business for you !**

Every customer for insulin and diabetic products a 'Clinitest' leaflet. How to make the urine-sugar test conveniently, quickly and easily than ever before. No fuss or bother. This new streamlined test combines reagents in one compact tablet and generates its own heat.

### Approved by Diabetic Association

The Medical Advisory Committee of the Diabetic Association have approved 'Clinitest.' Advertising in the *Diabetic Journal*, *The Lancet*, *Practitioner* etc., is telling diabetics and doctors about this unique one-minute test.

### Turn this interest into sales

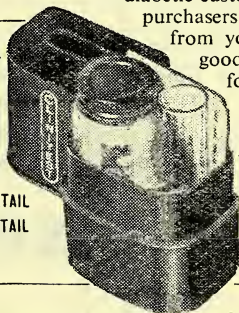
Chemists who have passed 'Clinitest' leaflets to diabetic customers have found quick and ready purchasers. The interest is there—and a word from you can make sales that win you goodwill and open up a steady demand for 'Clinitest' Tablets. A supply of leaflets is sent with every order of 'Clinitest.'

# CLINITEST

**ONE-MINUTE NO-HEATING  
FOR DETECTING URINE-SUGAR**

SET, INCLUDING 36 TABLETS 12/- RETAIL  
LES (36 TABLETS) . . . . 4/- RETAIL

TRADE DISCOUNT 33 1/3 %



### MEDICAL LITERATURE

Available on request for  
distribution to doctors.

For complete information and supplies write to:

**DON S. MOMAND LTD.**

Sole Distributors

57 ALBANY STREET, LONDON, N.W.1 Tel: EUS 1326 • EUS 2076

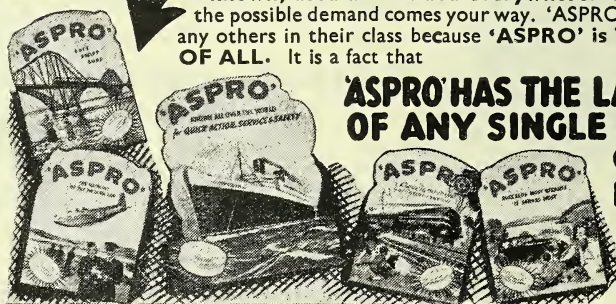
A PRODUCT OF THE AMES COMPANY INC. OF ELKHART, IND., U.S.A.

# There's a GREAT SUMMER DEMAND for 'ASPRO'

(YOUR DISPLAY  
WILL ATTRACT  
THOUSANDS  
of  
'ASPRO' USERS)

When people know a product—have tried it and prove themselves its use and value—they BUY it, again and Display completes the sale by reminding them just at the time. For the story of a sale begins outside a shop, where advertisements are seen, wherever one member of the public recommends the product to another.

When you display 'ASPRO' you are displaying a product which is known, used and valued everywhere. As a result the whole of the possible demand comes your way. 'ASPRO' displays pull more than any others in their class because 'ASPRO' is THE BEST KNOWN OF ALL. It is a fact that



**'ASPRO' HAS THE LARGEST SALE  
OF ANY SINGLE MEDICINE  
OF ITS KIND  
IN THE WORLD**

Made in England  
ASPRO LIMITED  
TRADING ESTD  
Slough  
Bucks

P.A.

## RALGEX DISPLAY CONTAINER

In response to a number of requests from the Trade, we have now introduced an attractive display container to hold one dozen RALGEX

This should prove a valuable aid to over the counter sales. If you would like to receive your RALGEX in this container kindly specify your requirements when re-ordering.

**PHARMAX LIMITED**

The Organ Works  
Old Hill Chislehurst Kent

## PROPAX DOUBLE POWER TABLETS

**Really Stop Pain**

A double power analgesic  
in ever increasing demand  
Prompt delivery from a  
wholesalers or direct from

**SPLENDOR  
LTD.**

4d, 7½d, 1/7 and 2/9 Incl. P. T.  
LONDON and NOTTINGHAM

P.A.



*"That's unseemly talk, Emily!"*

VICTORIANISM was not all tight laces and taboos. At a time when most unmarried ladies did nothing more exciting than arrange the bow in their hair, Mary Kingsley braved the African swamps in search of new species of reptiles. In 1887, when expectant mothers were still obliged to knit in their parlors, Scott's of Edinburgh produced a new idea in infant feeding—M.O.F. Today, the same progressive spirit governs every aspect of Scott's policy and finds full expression in Scott's range of infant foods for mixed-feeding time.

#### **Scott's Baby Cereal**

Ready-cooked baby cereal fortified with essential vitamins and minerals.

#### **Scott's M.O.F.**

Used for sixty years. Contains added iron, calcium, phosphorus, Vitamin D.

#### **Scott's Strained Foods and Baby Soups**

A tempting variety of fruit, fish, meat and vegetable purées which help to prepare baby's taste-sense for normal food.

# SCOTT'S OF EDINBURGH

A. & R. SCOTT LIMITED, COLINTON, EDINBURGH



# 3 NEW LINES.

## PAG PUMP ASTHMA INHALER

Retail Prices : PUMP ALONE 36/6  
Less 40% PUMP & INHALER 64/-

## DOUBLE SIZE RIDDOBRON ASTHMA INHALANT

Retail 17/-  
RIDDOBRON TABLETS 20's @ 5/  
100's @ 22/

— ALL TAX FREE —

## RIDDELL PRODUCTS LIMITED

AXTELL HOUSE · WARWICK STREET · LONDON · W.1

Telephone : GERard 3574

· JOHN KNOX · JOHN KNOX · JOHN KNOX ·

A Selection from the

*Jaynox*

### Range of Chemists Sundries

Jaynox Nail Scissors  
6 on card 10/- per card

Jaynox Cuticle Scissors  
6 on card 11/- per card  
(3 bent—3 straight)

Jaynox Nurses Scissors  
12 on card 33/6 per card  
(Blunt/Sharp)

**JOHN KNOX** (STOKE-ON-TRENT) LTD

Jaynox Works,  
King Street,  
Fenton,  
Stoke-on-Trent.

**PATA**

John Knox  
(Midland) Ltd.,  
26/38, Dean St.,  
Birmingham.

· JOHN KNOX · JOHN KNOX · JOHN KNOX ·

JOHN KNOX · JOHN KNOX · JOHN KNOX · JOHN KNOX · JOHN KNOX · JOHN KNOX · JOHN KNOX · JOHN KNOX · JOHN KNOX · JOHN KNOX ·

*Mai Daye*

COMPLEXION SOAP

3 oz.  
8d.



MADE BY

Comtesse Laboratories

CHATHAM PLACE, LONDON

TELEPHONE

AMH



**Dentists recommend it**

**Millions use it**



**Children love its flavour**

**Display 'KOLYNOS'**  
**and ride up with**  
**the profits!**

**margin is 34½%**  
**CO-OPERATION TERMS**



'Kolynos' can be included  
with other I.C.C. lines to  
qualify for Co-operation  
Discounts of 12% on orders  
of £10 and over, 10% on  
orders of £5 and over.

**RE-STORY ADVERTISING** for 'Kolynos' in all  
national newspapers and magazines means that  
are asking for 'Kolynos' as never before. Stock  
play 'Kolynos' and see your sales mount!

**NATIONAL CHEMICAL CO. LTD., CHENIES STREET, LONDON, W.C.1**



For  
**CHEMISTS  
ONLY**

A NEW  
PROFITABLE  
QUICK-SELLING LINE



**HOSTESS**  
FRUIT SQUASH  
Making a host

**RESTRICTED  
EXCLUSIVE  
TO CHEMISTS**

**GOOD PROFIT**  
RETAIL PRICE - 1/6  
YOUR RETURN - 1/4  
YOUR BUYING PRICE - 8/11  
YOUR PROFIT - 1/12  
(equals 33%)

**ATTRACTIVE**  
And a quality you can  
recommend. The small  
a most attractive display  
Popular flavours. Or  
Lemon and Orange  
Applm (a Lime flav  
juice cordial).

**ORDER THROUGH YOUR  
USUAL WHOLESALE**

CITRUS Products Co. Ltd. 87 Regent St.

Compressed tablets of :-

**ASPIRIN Co. B.P.C.**

**CODEINE Co. B.P.**

**BUTOBARBITONE**

**CYCLOBARBITONE**

**T. H. WALTON & CO. LTD**

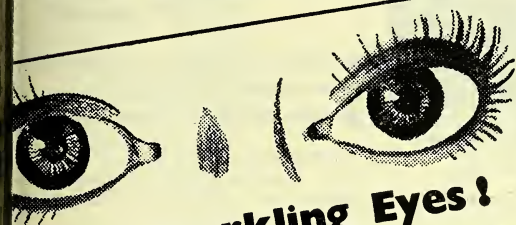
MANUFACTURING CHEMISTS

Laboratories and Works **BATLEY**

# 10% EXTRA PROFIT in Valopto

THE SCIENTIFIC

EYE LOTION



**Lovely Sparkling Eyes!**

A woman's eyes mirror her whole make-up. If the eyes are lack-lustre, dull and tired looking, so looks she. Beauty Experts say, make eye-care with Valopto a daily duty for 3 reasons: for protection against infection: for relief from strain, tiredness and soreness: for added lustre and clearness. Start using Valopto today. He will admire the sparkling new beauty of your eyes!

Valopto is a scientific  
of gentle anti-  
tics and soothing plant  
tracts. For regular eye  
giene; for minor  
oubles such as  
styes, inflammation,  
colds in the eye.  
At chemists 2/6  
For serious troubles  
consult a doctor at once.



THE

**Valopto**  
SCIENTIFIC EYE LOTION

One of the new advertisements appearing in a  
long list of all the principal national  
newspapers and magazines

## New! Startling! Bigger!

### NATIONAL ADVERTISING

in one order only — until June 30th  
we offer a bonus of 10% in addition to  
regular discounts for a prominent display  
show material sent with every order.

Retail 2/6 each.  
Trade price 16/9 per doz.  
Purchase Tax 5/7 per doz.  
Minimum order 2 doz.

## Order Today

Health Laboratories, 17 Berners Street, London, W.1.

*A Pharmaceutical Achievement*

A product of  
**WESTMINSTER LABORATORIES LTD.**  
Chalcot Road, London, N.W.1.

**MAGSILATE**

ASPIRIN THERAPY  
BROUGHT TO PERFECTION

**CAN BE EATEN  
LIKE A SWEET**

*No water required*

- Quicker absorption — more effective
- No gastric disturbance.
- Fully protected against deterioration

MAGSILATE is a CF product, sold *through only*. Terms are profitable. Attractive show formative literature and free samples supplied on orders.

Supplied in two sizes:—4d. & 1/10d.  
(inc. P. Tax) and Dispensing Packs  
of 125 and 500 Tablets.

# Handmaid

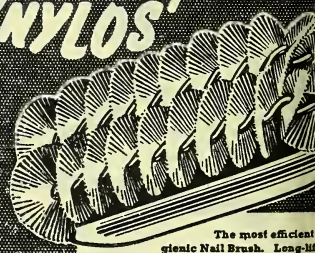
protects hands  
against the dirt  
of daily work

Samples and prices  
will be sent gladly  
on application to  
the

**WESTBROOK  
LANOLIN CO**  
Subsidiary of  
Woolcombers Ltd  
BRADFORD



# 'NYLOS'



The most efficient  
hygienic Nail Brush. Long-life  
with attractive moulded plastic grip.

Retail price 4/6 including tax

**HANDY HOLIDAY  
SIZE**

Single-Row Nylon  
in plastic pack!  
Retail price 3/5 including  
tax.

**NYLOS DENTURE  
BRUSH**

(favourite) designed  
thorough cleaning  
denture plate.  
Retail price 2/5 incl. tax

Wholesale enquiries to the sole manufacturers:

**PARKER - HALE LTD**  
BISLEY WORKS, WHITTALL ST., BIRMINGHAM



# BAND-AID

## SPECIAL DISPLAY OFFER

on minimum orders of:—

**12 dozen LARGE BAND-AID @ 10/4**

**6 dozen SMALL BAND-AID @ 5/1**

or equivalent monetary value in any assortment of Band-Aid Tins—  
for a 14-day window and/or counter display of BAND-AID.

in addition to existing quantity discounts of 5% on orders above  
£10.0.0d. and 7½% on orders above £10.0.0d.

extra profit making offer is valid for 3 months only, commencing  
1st July, so send in your order now to

*Johnson & Johnson*

JOHNSON & JOHNSON (GT. BRITAIN) LIMITED, BATH ROAD, SLOUGH, BUCKS.

**PLEASE SEND**

**doz. Large BAND-AID**

**doz. Small BAND-AID**

on your special terms of an extra 5% display allowance.

We agree to give Band-Aid a window and/or counter display for a  
period of 14 days following receipt of goods.

**Address** .....

Signed .....

Date .....



**RUBBER PRODUCTS**

HOT WATER BOTTLES - AIR BEDS  
AIR CUSHIONS - WATER BEDS  
NURSING APRONS - WATERPROOF  
SHEETING - VULCANITE COMBS  
BED PANS - HOSPITAL EQUIPMENT.  
ETC.

**MANUFACTURERS**

**THE NORTH BRITISH  
RUBBER CO. LTD.**

EDINBURGH · LONDON  
AND BRANCHES

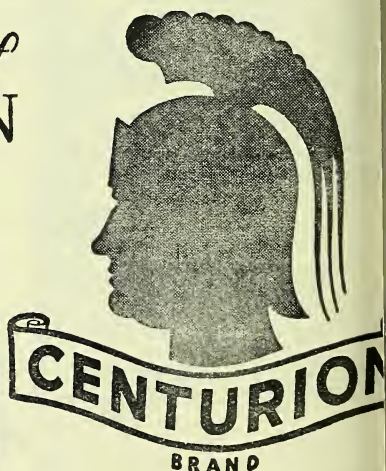
ORDER THROUGH YOUR WHOLESALER

## We are proud of our CENTURION

We are proud of our "CENTURION"  
—proud of the reputation he has earned  
amongst Chemists and their customers.  
We jealously guard that reputation, by  
ensuring that the high standard of  
quality of "CENTURION" Brand  
PASTILLES and LOZENGES is  
consistently maintained.

A Representative regularly tours your  
area. Would you like him to call?

**JACKSON**  
OF CREDITON  
EST. 1817



ERNEST JACKSON & COMPANY LIMITED · CREDITON · DEVON

# *Firm Favourites!*

*with every member of the family . . .*

## **CUTICURA PREPARATIONS**

(MEDICINAL AND TOILET)

**SOAP . OINTMENT**

**TALCUM POWDER . SHAVING STICK**

These grand aids for skin-care have been giving confidence and satisfaction for over 65 years. Profits are good — Advertising consistent and widespread. Sales-promoting window displays always at your service.

---

*The following attractive products, each with a universal appeal, will shortly be added to the popular Cuticura Range:*

**HAND CREAM . BABY OIL**

**SHAVING CREAM . LIQUID ANTISEPTIC**

**AFTER-SHAVE LOTION**

---

British Distributors: **NEWBERY & PHILLIPS LTD.**

203, Victoria House, Southampton Row, London, W.C.1

TELEPHONE: HOLBORN 1564

for

**THE POTTER DRUG & CHEMICAL CORPORATION**

205-207, Victoria House, London, W.C.1



## Do COLDS take a holiday in Summer?

**W**HEN the weather gets warm, do colds pack up and migrate to other lands? You can tell by the summer demand for SeroCalcin that they don't. For England's unpredictable and flighty climate is a fun fair for colds. Anticipate this season's demand by having plenty of SeroCalcin in stock. Your customers will ask for SeroCalcin because they know its value as a quick and efficient treatment for colds. Three tablets taken three times daily, in the early stages of a cold, often clear up the attack in 48 hours.

Pharmacists are reminded that the sole selling agents for SeroCalcin in the U.K. are J. C. Eno Ltd., Watford, Herts. (Watford 7761) to whom all orders and enquiries should be sent.

# SEROCALCIN

FOR THE PREVENTION & TREATMENT OF COLDS

HARWOODS LABORATORIES LTD · WATFORD · HERTS

JUNE 4, 1949

# Chemist & Druggist SUPPLEMENT

HEAD OFFICE: 28 ESSEX STREET, STRAND, LONDON, W.C.2

Telephone: Central 6565 (10 lines)

Classified Advertisements must be prepaid.

Telegrams: "Chemicus, Estrand, London"

For rates see sectional headings

**Irish Friends —**

*the well-known house of*

**Orridge & Company**

*have decided!*

In response to numerous enquiries from Irish Friends we, the well-known house of Orridge and Company have decided to extend our organisation to Pharmacists in both Eire and Northern Ireland. We are now undertaking Stocktaking for a number of Chemists and are anxious that it should be generally known that this arduous task can now be left in the capable hands of a firm who have conducted such work for over a century. It is also our intention to establish a department which will deal exclusively with the sale of businesses and we shall be very pleased to give advice on all points appertaining to Sale and Purchase. Enquiries on both matters are invited to which immediate attention will be given.

**184 STRAND • LONDON • W.C.2**

Telephone: TEMPLE BAR 9212/3—6340

Telegrams: Orridgechem Estrand, London

Branch Offices: 36 Cannon St., Birmingham, 2.

Phone: Midland 6547

77 High St., Shirley, Southampton.

Phone: Southampton 71708

**ESTABLISHED OVER A CENTURY**

## BUSINESSES FOR DISPOSAL

Is 8/6 (minimum) then 3d. per word. Box 2/-

N. wonderful chance for someone, herbal stores in main street position, seven rooms, warehouse, yard, stock fixtures, goodwill, guaranteed living. Great scope for iment. Rent £100 year ex. long lease. For sale £2,500 or near offer. Immediate on. Ring Bedford 5430.

## BUSINESSES WANTED

Is 8/6 (minimum) then 3d. per word. Box 2/-

WISHES to contact proprietor pharmacist village or market town business with view chage. Turnover £3,000-£4,000. Living odation essential. South to South-East l. Replies in strict confidence. Box 6/341.

ITLY REQUIRED: Sound business with ade-staff, including qualified or unqualified dis-Showing nett profit over £1,000. Accom-on and garden essential. Southern half d preferred. Good price paid right busi-Strict confidence observed. Banker's refer-Write or phone (Brendon 260), N. Pack-Brendon Rectory, Lynton, Devon.

## APPOINTMENTS

2/6 per line (12 lines = 1"). Box 2/-

### THE CHEMIST AND DRUGGIST EDITORIAL STAFF

There is a vacancy for a pharmacist as a sub-editor on the staff of The Chemist and Druggist. Journalistic or publicity experience desirable but not essential. The work is interesting and varied, and the position is permanent, progressive and pensionable. Applications, stating qualifications and experience, should be addressed to the Staff Director, Morgan Bros. (Publishers), Ltd. 28 Essex St., Strand, London, W.C.2.

### BRADFORD ROYAL INFIRMARY (498 BEDS)

ASSISTANT PHARMACIST required. Salary within J.N.C. Scale, i.e., £370-£450 per annum, according to experience and qualifications. Superannuable post subject to medical examination. Applications, stating experience, qualifications, etc., together with three names for reference to be forwarded to the undersigned as soon as possible.

H. TRUSSON,  
Secretary,

Bradford "A" Group H.M.C.

The Bridge  
Walsall, nr. Birmingham  
Phone: Walsall 5948

28 Rigby Buildings, 4 Aytoun St.  
Manchester 1

Phone: Central 0877

141 Bath St., Glasgow

Phone: Douglas 3168

## ERNEST J. GEORGE & CO.

Chemists' Transfer Agents, Stocktakers  
and Valuers

329 HIGH HOLBORN  
LONDON, W.C.1

Phone: Hol. 7406/7 and 2397

South Coast Represent

G. Loxton Grinstead

"Edweina," Oakland

Saltdean, nr. Brighton

Phone: Rottingdean

**A.1. Midlands.** Drug Store in large industrial town. Turnover for last financial year £3,709. Scope should exist for appreciable development under qualified proprietorship. Immediate pharmacy opposition not heavy. Price £2,000 for the goodwill and fixtures, plus s.a.v.

**A.2. Black Country (Death Vacancy).** A Drug Store for sale in virtually unopposed site, suitable for conversion to a pharmacy. Present turnover low, but capable of expansion. Limited living accommodation available.

**A.3. Surrey Town.** Toilet, etc. business occupying prominent position in main shopping area. Turnover at the rate of £5,000-£6,000 p.a., with scope for appreciable increase. Price £3,150 or near offer.

**A.4. Brighton.** Established business situated in busy shopping street. Turnover for 1948/49 (17½ months) £9,342. Four-roomed flat with bathroom. Rent £100 p.a. Scope should exist for further development. Price by negotiation. Quick sale desired.

**A.5. Surrey.** Drug Store offered for sale to pharmacy. Present returns about £400 p.a. The nearest chemist is approx. 10 minutes' driving distance away. Lock-up shop, etc. price £500 or offer.

**A.6. London, S.E.10.** Old-established occupying main road position in populous to lower-class area. Was re-converted to pharmacy in September last. Excellent so N.H.S. dispensing, which is now averaging 550 scripts per month. Owner has purchased other business, and for a quick sale is willing to accept a price of £1,000, plus stock. Offer also be considered.

**A.7. Essex (Retirement Vacancy).** Attractive to-date pharmacy with three-bedroom house. Turnover for last financial year approx. £10,000. The business is situated in a very pleasant area and within a few miles of the seaside. Good scope for further development. Price £5,000, including stock approx. £2,000.

### OFFICIAL VALUERS TO THE N.P.U. BUSINESS PURCHASE FUND

#### Appointments—Continued

#### BRITISH ELECTRICITY AUTHORITY

##### EASTERN DIVISION

Applications are invited for the following appointment:—

**ASSISTANT CHEMIST**—Cliff Quay Generating Station, Ipswich. Salary in accordance with N.J.B. Schedule. Grade 9. Class K. (£493-£514 p.a.)

Applicants must have had a sound technical and practical training followed by experience in similar appointments in a modern generating station.

The salary is in accordance with the scale at present operating but may be subject to negotiation through the medium of the joint Board.

The appointment will be superannuable under the conditions of the Scheme or Regulations to be made under the provisions of the Electricity Act, 1947.

Forms of application may be obtained from the Divisional Controller, British Electricity Authority, Eastern Division, Northmet House, Southgate, N.14, to whom completed applications should be sent to arrive not later than June 20, 1949. Envelopes should be endorsed "Assistant Chemist, Cliff Quay."

W. N. C. CLINCH,

Controller.

Northmet House,  
Southgate, N.14.

#### ST. MARGARET'S HOSPITAL, EPPING

LOCUM required for two weeks from September 5th-September 24th. Salary 10 guineas per week. Applications to the Superintendent.

#### BOTLEYS PARK HOSPITAL MAN- AGEMENT COMMITTEE

Registered ASSISTANT PHARMACEUTICIST, Botleys Park Hospital, Chertsey, J.N.C. (Hospital Staffs) salary, viz., exclusive annual increments up to £2,000. Previous experience may determine commensurate salary. Recently qualified pharmacists Opportunity to take part in preparing sterile products. Whole-time, establishment, subject to medical examination, stating age, qualifications, etc. with copies of not more than three recommendations to Physician Superintendent, Park Hospital, Chertsey, Surrey.

#### ILFORD AND BARKING GROUP HOSPITAL MANAGEMENT COMMITTEE.

##### ASSISTANT PHARMACEUTICIST.

Applications are invited for the Assistant Pharmacist at King George V Hospital, Eastern Avenue, Ilford, Essex. Salary in accordance with J.N.C. (Hospital Staffs) scale. Hospital experience not essential, but experience taken into consideration for minimum commencing salary.

The position is subject to National Service (Superannuation) Regulations. person appointed will be required to undergo medical examination.

Applications, stating age and previous experience together with copies of any recommendations should be sent to the Secretary and Barking Group Hospital Management Committee, King George Hospital, Eastern Avenue, Ilford, Essex, as soon as possible.

**Appointments—Continued****END HOSPITAL & CLINIC,  
ST. ALBANS, HERTS**

**LOCUM PHARMACIST.** (locum tenens), male or female, for 9 weeks from the beginning of May 1949. Salary £10 guineas per week. Apply, for particulars of experience, to the Medical Superintendent, Hill End Hospital & Clinic, St. Albans, Herts.

**END HOSPITAL MANAGEMENT  
COMMITTEE**

Persons are invited from Registered Pharmacists to the following appointments:—  
**LOCUM PHARMACIST.** At the West End Hospital. Salary £370-£450 a year. Accommodation can be provided for a female.

**LOCUM PHARMACIST.** At the Southern End Hospital. Salary £370-£450 a year. Accommodation can be provided for a male or female.

Conditions of service.

Persons, with full particulars and the names of two persons to whom reference may be made, should be sent to the Secretary, Hospital Management Committee, 59, The Bow Arrow Hospital, Dartford, Kent.

**DARTMOUTH COUNTY COUNCIL  
HEALTH SERVICES****APPOINTMENT OF QUALIFIED PHARMACISTS**

Dartmouthshire County Council as the Local Health Authority invite applications for the permanent appointment of Pharmacists at the Health Centres.

Salaries to be paid will be in accordance with the scales prescribed by the Joint Negotiating Committee (Hospital Staffs).

Persons appointed will be required to undergo medical examination and be subject to regulations made by the Minister of Health from time to time with regard to Hospital Services to be provided at Health Centres and to such conditions as may be laid down by the County Council from time to time with regard to holidays, sick leave, etc.

Contribution contributions are payable in accordance with the National Health Service Regulations, which prescribe that Pharmacists' contributions at the rate of 6% of salary.

Appointments will be subject to the approval of the Council on either side.

Application Forms may be obtained from the Council, to whom they must be returned not later than first post on the 15th May 1949.

**VERNON LAWRENCE**  
Clerk of the Council.

Full,  
St. Mon.  
1949.

**BERKSHIRE AND DISTRICT HOSPITAL  
MANAGEMENT COMMITTEE**

**BERKSHIRE HOSPITAL, READING**  
Persons are invited from persons holding Licences of the Society of Apothecaries for the post of ASSISTANT in DISPENSING, with salary £270-£320, with the J.N.C. according to experience. Applications, with two recent testimonials, together with a letter of recommendation, to be sent to the Administrative Officer, Royal Berkshire Hospital, Reading.

**BERDOE & FISH**

*Chemist Transfer Agents and Valuers*

**41 ARGYLE SQUARE, KING'S CROSS, W.C.1**  
(opposite St. Pancras and King's Cross Stations)

- **Business Transfers, without publicity, our speciality**
- **Businesses urgently required, advice free**
- **All Valuations and Stocktakings, carried out under personal supervision of principals**

Established 1870

Phone: TERminus 3574

**NATIONAL HEALTH SERVICE ACT,  
1946.**

**DUDLEY, STOURBRIDGE, & DISTRICT  
HOSPITAL GROUP, BIRMINGHAM  
REGION**

**THE GUEST HOSPITAL, DUDLEY**

Applications are invited for the post of **FIRST ASSISTANT PHARMACIST**, Non-resident. The salary is in accordance with the Joint Negotiating Committee, i.e., £415 x £15-£490 p.a.

Applications stating age, qualifications and experience, with copies of three recent testimonials to be sent to—H. Raymond Hurst, Secretary to Management Committee: The Guest Hospital, Dudley, Worcs.

**ST. MARY'S HOSPITAL,  
LONDON, W.2**

Applications are invited for the following appointments:—**SENIOR ASSISTANT PHARMACIST.** Three years' hospital experience essential. Salary scale £415-£490 according to experience. **ASSISTANT PHARMACIST.** Salary scale £370-£450, according to experience. Both appointments carry additional fees for extra duties. Lunch and tea provided when on duty. Applications, with copies of testimonials, to be sent to the Chief Pharmacist.

**STOCKPORT AND BUXTON  
HOSPITAL MANAGEMENT  
COMMITTEE, STEPPING HILL  
HOSPITAL, STOCKPORT****LOCUM PHARMACIST**

**LOCUM PHARMACIST** required for the following periods:—July 18-25 and Aug. 27 to Sept. 17, 1949. Salary at the rate of £10 10s. per week. Applications to be forwarded to the Medical Superintendent as soon as possible. May 25, 1949.

**H. G. PRICE,**  
Secretary.

**THE HOSPITALS FOR DISEASES OF  
THE CHEST**

**THE LONDON CHEST HOSPITAL,  
VICTORIA PARK, E.2**

**LOCUM PHARMACIST IN CHARGE** required for Monday, 29th August, to Saturday, 10th September, inclusive. There is one assistant. Salary £10 10s. per week, with lunch and tea. Apply with full particulars to the Secretary.

**Appointments—Continued****THE UNITED LEEDS HOSPITALS.  
THE GENERAL INFIRMARY AT LEEDS.**

Applications are invited for the appointment of ASSISTANT PHARMACIST. Salary commencing at £350 p.a., plus meals when on duty, and with additional payment for stand-by duty. The remuneration payable is subject to adjustment in the light of scales to be made known by the Minister of Health. National Health superannuation scheme in force. Night and week-end duty will be worked in rotation. Previous hospital experience not essential. Applications, stating age, sex and experience, together with the names of not more than three referees, must be sent to the undersigned as soon as possible.

S. CLAYTON FRYERS,

Secretary to the Board.

**THE HOSPITAL FOR SICK CHILDREN,  
GREAT ORMOND STREET, LONDON,  
W.C.1.****ASSISTANT PHARMACIST**

Applications are invited for this position. Salary, £370 to £450 on J.N.C. Scale, according to experience. Apply, with details of age and experience, to A. Rae, Chief Pharmacist.

**WEST PARK HOSPITAL, EPSOM**

**ASSISTANT PHARMACIST.** Applications are invited for the appointment of Assistant Pharmacist. Whole time; hours of duty 39 per week, no Sunday duty. Salary is in accordance with J.N.C. (Hospital Staffs), viz. £370 rising by four annual increments of £15 and one of £20 to a maximum of £450 p.a. Newly qualified Pharmacists considered, either sex. Accommodation available for single persons if required, at very reasonable cost. Social and recreation facilities available. The appointment is subject to the National Health Service (Superannuation) Regulations 1947. Applications stating age, qualifications, experience and names and addresses of two referees should be sent to Physician Superintendent, West Park Hospital, Epsom, Surrey.

*Vacancies advertised are restricted to persons or employments excepted from the provisions of the Control of Engagements Order, 1947.*

**SITUATIONS OPEN**

36 words 8/6 (minimum) then 3d. per word. Box 2/-

**RETAIL (HOME)**

**AN UNEQUALLED OPPORTUNITY.** Unqualified with centrally situated premises (Staffs, suburban), population 9,000, requires M.P.S., either sex, or Chemist-Optician desirous of eventual part ownership. Great scope, immediate interest or profit-sharing basis if desired, every assistance; disabled considered. Box 6/301.

**BACUP.** Qualified assistant (lady or gentleman) required for central pharmacy. Comfortable working conditions. Application with references to A. E. Barton, M.P.S., 3 St. James' St., Bacup.

**CAMBRIDGE.** Experienced Pharmacist required as manager for good family business in Cambridge. Semi-detached house available, combined with good salary and commission for suitable applicant. Apply Box A/183.

**CROYDON AREA.** Qualified assistant required for light duties dispensing and counter with short hours. Position suitable for elderly applicant. Telephone Addiscombe 1149.

**CHEMIST AND OPTICIAN** on C.P.C. list to be keen refractionist, and willing to help pharmacy. Stage age, experience and salary G. E. Chapman, 166 Church Lane, St. Birmingham.

**COALVILLE.** Qualified manager required £350 plus commission (average for last five years £150 p.a.). Apply Francis Hallam Broadway House, Broadway St., Burton.

**DERBY.** Urgently required, experienced optician to control busy practice. Latest in use (Greens—B.R.U.—T.I.B., etc.) premises. Ample supporting staff, nency with superannuation. Application full particulars, including salary required, retary, Derby Co-operative Provident Ltd., Albion St., Derby.

**DISPENSER,** qualified, required as assistant for modern drug department of Surre Training given in management and be suitable applicant. Excellent opportunity pender with initiative desiring scope for ment. Apply Staff Controller, Bentalls of

**EASTBOURNE.** Qualified assistant required (or female) for high-class dispensing business with full particulars to H. R. Browne (C Ltd., 44 Cornfield Road, Eastbourne.

**ENFIELD TOWN.** Unqualified assistant for counter duties in good-class pharmacy at Southbury Rd., Enfield. Permanency 9-6. Good salary for right applicant. first instance to Cross of Enfield, Ltd., 4 ford Rd., Enfield, Middlesex. Telephone 1723 and 2088.

**EXCELLENT OPPORTUNITY** for young optician on C.P.C. list to take control stantial practice. Premises about to be vaca 21 years' lease; Birmingham-Wolverhampt Box A/9.

**FINCHLEY, N.3.** Unqualified assistant (lady or gentleman) for good class business experience and permanency. Urgent. D and counter experience essential. Apply Pickles, Finchley, N.3.

**FULL-TIME** light dispensing post with accommodation available, offered elderly cist or young man recently qualified, or Box 6/340.

**GREAT HORTON** Industrial Society, Ltd applications from Male or Female Pharm manage an established branch. Permanency provided. Employees' superannuation Salary to be negotiated. Written application age, experience and qualifications, to dressed to the Secretary-Manager, R Office, 686, Great Horton Rd., Bradford

**ISLE OF MAN.** Season assistant, lady or man. General shop duties. Easy hour salary, experience, when available. Frank Photographic Chemist, 97 Strand St., Isle of Man.

**LADY ASSISTANT** (unqualified) reqd. window dressing, etc. No dispensing. capable of taking charge. Putney area. S experience and salary reqd. Box 6/337.

**LEEDS INDUSTRIAL CO-OPERATIVE S LTD.,** require a male pharmacist with managerial experience to take charge pharmacy at Horsforth (5 miles Leeds). I ary £625 p.a., plus other emoluments. N accommodation to offer. Apply stating perience and fullest particulars to Superi Chemist, 6 Albion St., Leeds, 1.

**LEICESTER.** Qualified manager required full control of dispensing department. Go and permanency. Comfortable post and ea The Meltonian Drug Co., Ltd., 132 Mel Leicester.

### Situations Open—Continued

**N.** Lady assistant (unqualified) wanted. Experienced in dispensing. Comfortable no Sunday or holiday duty. Please apply, age, experience and salary required to Dow's, 433 Green Lanes, Harringay, N.4.

**GER REQUIRED** for Central London pharmacy. Flat available in Chelsea. Good salary experienced manager. Apply Box A/181.

**HESTER.** Qualified manager urgently required. Comfortable position. Assistance employed. Salary and commission. No Sunday or holidays. Apply, giving usual particulars to F. n, 37 North Rd., Longsight, Manchester, phone Rus 4801.

**HESTER** (Southern suburb). Pharmacist (lady element) required for an old-established business good-class dispensing. Permanent, composition for suitable person. No Sunday or duties. In reply please state full particulars, good salary required, to Box 6/243.

**AN BEST, LIMITED,** Bradford, require quali- manager for branch shop. One assistant. Liv- commodation, flat with kitchen, living-room, n, bathroom. No Sunday duty. Good sal- d prospects. Apply 1 Drewton St., Bradford, ne Bradford 29292.

**MACIST REQUIRED** for family dispensing s near Archway, Highgate. Modern dis- v. Flat available. Good salary paid to ex- perient manager. Apply Box A/180.

**MACIST.** Exceptional opportunity and pros- per occur for keen young qualified chemist with on and an eye to the future. Apply H. n, M.P.S., 60 Nunhead Lane, Peckham, n, S.E.15. Telephone for appointment. New 1262.

**MACIST,** lady or gentleman, able occasion- to take charge. Congenial post. Up-to-date acy. Small country town. Pleasant surround- Suitable accommodation arranged. Liberal and commission. State age and usual par- tics, etc., to R. J. Farmer, High St., Tutbury, rtion-on-Trent.

**MACIST TO TAKE CHARGE** branch in South London. Good living accommodation. Apply 146 Holborn, E.C.1.

**IFIED ASSISTANT** required for counter and sing in high-class pharmacy (T.S.A. licence). remuneration. Permanency. Accommodation be found if necessary. Chave & Jackson, Ltd., ord.

**IFIED EXPERIENCED MANAGER** for high business. Welsh speaking, good salary. Also, assistant holding Chemist and Druggist and al qualifications (Welsh speaking). Mrs. D. y Davies, Carmarthen. Phone-539.

**IFIED lady or gentleman** as manager small y business. Easy hours, no Sunday duty. closing Thursday. Accommodation single rried couple. Particulars, C. J. Viner, High Minchinhampton, Gloucester.

**IFIED MAN** (Welsh speaking) wanted im- tely for good-class country town business. ent salary and commission, no late duty. Fully particulars to Davies, Medical Hall, yssul, Cardiganshire. Phone 65.

**IFIED SUPERINTENDENT** Chemist-Optician ed by the Great Grimsby Co-operative y, Ltd. Central and three branch shops. e available. Applications giving details of age, cations, etc., to the Managing Secretary, ribaldi St., Grimsby.

**MANSWORTH.** Pharmacist manager required ood-class business. Must be able to develop using department. Good salary plus commis- with semi-detached house available to suit- applicant. Apply Box A/182.

**QUALIFIED MANAGER** required for family dis- pensing business in Surbiton. 3 bedroomed flat available. Good salary paid to suitable applicant. Apply Box A/179.

**SUPERINTENDENT PHARMACIST,** fully qualified, required as departmental manager. Industrial trade, permanent and progressive position. Co-operative scale salary. Applications in writing, giving full particulars to the Secretary, Denaby Main Co-operative Society, Ltd., Doncaster Rd., Denaby Main, Nr. Doncaster, Yorks.

**SUPERINTENDENT PHARMACIST** required to take charge of Pharmacy Department. Male or female. Good house provided. Good conditions. Apply Garndiffaith & Varteg Co-operative Society, Ltd., Garndiffaith, Mon.

**UNQUALIFIED** assistants required immediately (male or female). Counter and dispensing. High-class pharmacy, good salary, permanency. Chave & Jackson, Ltd., Hereford.

**UNQUALIFIED ASSISTANT** required mainly for dispensing in busy pharmacy. Excellent working conditions in well-equipped and up-to-date dispensary. Apply with particulars of experience and salary required to O. L. Carrington, 300 London Rd., Croydon.

**UNQUALIFIED** assistant with dispensing experience, good salary and bonus, living accommodation not available. Excellent opportunity for keen, energetic applicant. Aldington & Lewis, Ltd., 168 High Rd., East Finchley, London, N.2.

**VACANCY** for young man, unqualified, as assistant. Excellent prospects if all-round capabilities shown. Apply Briggs Chemists, Ltd., 19 Pitfield Street, Old Street, N.1.

**WANTED.** A young qualified dispenser, male; one just completed college; for a good-class dispensing business. Evans, Central Pde., Orpington.

### LOCUMS WANTED

**AMORE & CO.,** 173 Sloane St., S.W., require locum, two weeks from June 27 and two weeks from July 16.

**BRADFORD.** Qualified locum required for July 25th to 30th inclusive and August 8th to 13th inclusive. Goodall, 544 Manchester Rd., Bradford. Tel. 24456.

**LANCASHIRE.** Locum pharmacist required for private firm for any part or all of period June to September. Please state fullest particulars, including experience, age and salary expected, to Espley, 49 Daisy Lane, Blackburn.

**LEEDS.** Qualified locum required for August 15th to 27th inclusive. Goodall, 94 Burley Rd., Leeds. Tel. 26118.

**LEEDS INDUSTRIAL CO-OPERATIVE SOCIETY, LTD.,** require a pharmacist (male or female) for continuous locum duties from July 18, until September 17. (Nine weeks). Apply stating terms required and fullest particulars to Superintendent Chemist, 6 Albion St., Leeds, 1.

**PHARMACIST** required, lady or gentleman, as locum, for four weeks, not necessarily consecutive, June, July, August, or September. Moderate N.H.S. Good staff, high-class business, pleasant surroundings. Please state terms to Ernest F. Bathurst, Ltd., Woburn Sands, Bucks.

**SWINDON** and District Co-operative Chemists require the services of a locum tenens commencing early June. The man appointed will be required to take duties of Superintendent Pharmacist and optical. Applications, stating salary required, to Secretary, 57 Fleet St., Swindon, by May 21.

**TIMOTHY WHITES & TAYLORS** require pharma- cists, male or female, for locum duty—short or long term periods. Good salary and expenses. Adequate supporting staff. Apply to: Mr. A. D. Douglas, M.P.S., Allen House, 70 Vauxhall Bridge Road, London, S.W.1.

**Situations Open—Continued****WHOLESALE****AGENTS REQUIRED . . .**

**IN ALL TERRITORIES TO HANDLE  
WELL-KNOWN TOILET ROLL  
MANUFACTURERS' PRODUCTS**

**GOOD TERMS TO RIGHT MEN**

**Box A/166**

**AGENTS REQUIRED** in all areas to offer L.B.W. Rose-hip Orange Barley Squash, a new delicious health-giving and refreshing drink. Backed by the medical profession everywhere. State age, area, other lines carried. Box 6/334.

**AN OLD-ESTABLISHED** London House require a young qualified assistant chemist, capable of conducting routine analysis of products, and supervision of poisons. Write, giving full particulars of age, experience and salary required. Box A/193.

**AYRTON SAUNDERS & CO., LTD.**, 32/36 Hanover St., Liverpool, invite applications to represent them in the North Riding of Yorkshire and County Durham. Qualified chemist preferred but not essential providing applicant has wide knowledge of pharmacy and experience in calling upon chemists. A complete service and full support is available to the right man. Applications should be marked AC/CD.

**BANDBOX REQUIRE** first class representative for Manchester district. Car and connection essential. Remuneration; salary, car allowance, expenses, commission. Reply with full details and copy refs. to Sales Manager, Ashe Laboratories, Ltd., 120 Victoria St., S.W.1.

**CHEMIST** required for work in the production department of a pharmacist manufacturers in the West London area. Previous experience desirable but not essential. Canteen. Superannuation scheme etc. Reply giving details of age, experience and salary required. Box A/153.

**CIBA LABORATORIES, LTD.**, Horsham, Sussex, require a young Pharmacist, B.Pharm., Ph.C., preferred, for work in their modern factory manufacturing a wide range of ethical specialities. Experience of the preparation of parenteral solutions, tablets and ointment an advantage. Applicant should be a good disciplinarian and able to control female labour. The position is permanent and progressive with a contributory pension scheme in operation. Apply giving full particulars of age, education and experience together with an indication of salary required to Production Manager, Ciba Laboratories, Ltd., Horsham, Sussex.

**ENERGETIC SALESMAN** calling upon chemists and stores in the Midlands area and carrying one or two non-competitive lines, required by old-established company selling a small range of nationally advertised pharmaceuticals and cosmetics. Commission only. Write, in first instance, giving full details, to Box A/189.

**EXCEPTIONAL OPPORTUNITY** for four young salesmen, centred in London, Glasgow, Manchester, South Coast, to train as perfumery representatives. Salary, Commission and expenses. Box A/172.

**EXPERIENCED REPRESENTATIVE** required for sale of veterinary requirements to veterinary profession only in area Kent, Hampshire and Surrey, with adjoining counties. Knowledge of veterinary products essential. Apply Box A/264.

**EXPERIENCED REPRESENTATIVE** required for sale of veterinary requirements to veterinary profession only in area Devon, Cornwall and West Counties. Knowledge of veterinary products essential. Apply Box 6/263.

**LEADING SURGICAL** rubber manufacturers energetic representative (part time) in Scotland, Write, stating age, experience, etc., to Box c/o Streets, 110 Old Broad Street, E.C.2.

**MANUFACTURING CHEMISTS** require pharmaceutical supervisor. Manufacturing or good retail experience, either sex. Apply, stating age, qualifications and salary required, to Managing Director, Wilkinson & Simpson, Ltd., Low Friar, Newcastle-upon-Tyne.

**OLD-ESTABLISHED** wholesale chemist business require a sharp representative (calling on chemists) to sell their lines. Commission and ultimate partnership offered. Excellent opportunity to the right man. Box 6/326.

**PILL AND TABLET COATER.** Experienced grades of work. is required by manufacturers, London area, working 5-day week. Excellent opportunity for suitable applicant. Give age, experience and salary required. A/195.

**Eucryl Ltd., require for East Angles an experienced Traveller on a commission basis. Written applications only to Sales Manager, Eucryl Ltd., Southampton.**

**REPRESENTATIVE** required for South London area, to call on retail chemists with tablets, capsules, lozenges and suppositories. Give commission terms. Apply Box 6/325.

**REPRESENTATIVE** required to carry exclusive perfume as an additional line, on commission expenses basis. Write, giving particulars of territory able to cover. Box 6/329.

**REPRESENTATIVE** for established line calling on chemists in certain parts of the country, Beaucaire Laboratories, Vauxhall Grove, S.W.

**REPRESENTATIVE** required for London and for provinces to carry as a side line on commission cutlery such as nail and cuticle scissors, pliers, etc., etc. Preference given to one with connection with Dept. Stores and Chemists. Box 6/343.

**REPRESENTATIVE** required for Warwicks, and Staffs area, for well-known manufacturer proprietary articles, preferably with some experience of calling upon retail chemists, have good selling records and able to drive. Salary and expenses, no commission. Apply A/196.

**REPRESENTATIVES** calling on chemists and are offered an attractive, moderate-priced line of cases for sunglasses, to carry as an additional line. Generous commission basis. Box 6/333.

**REPRESENTATIVES**, already calling on chemists—hairdressers, required to sell genuine imported French perfume. Generous commission right type—and prospects. Box 6/333.

**REPRESENTATIVES** required, all territories, competitive range perfumery and toilet preparations. Must be able to prove connection, ability and integrity. Car owners essential. Good commission, no objection to other lines carried. Write full details Dellwood Ltd., Seal Road, Walthamstow, E.17.

**REPRESENTATIVES REQUIRED** for Eastern Irish territory; also London, Surrey, Devon and Cornwall (applicant must be resident in South to detail medical and dental professions, by pharmaceutical house of high repute. Must have similar experience. Apply stating age, experience and salary required to:—Box A/198.

**Situations Open—Continued**

**REPRESENTATIVE** required in area, Lanes, and northwards to the Border to carry at-toilet article as an additional line. Good connection with wholesale and retail toilet trade.

Generous commission basis. Box 6/339.  
**ISOR TRAVELLER** for large manufacturers of goods sold to grocers, etc. Must be experienced and thoroughly experienced in selling to grocers of trade. Salary £8 per week, travelling expenses. State age, full details of past employment. Box 6/328.

**BRISTOW & CO., LTD.**, require experienced representatives to sell toilet soaps and cos-products to chemists and departmental stores following territories; (1) East and South-east. (2) Norfolk, Suffolk and Cambridge.

Applicants should reside on the territory. Presentation scheme is in operation. Please state of experience, age, and salary required, 15, T. F. Bristow & Co., Ltd., Boston Rd., Brentford, Middlesex.

**MAKER.** An old-established manufacturing firm (N.W. area) have an opening for a common thoroughly experienced in all phases of production. Write, stating age, salary required together with outline of career. Box 6/338.

**SALES** wanted, calling South Coast to carry all profitable, easy selling lines. Wages commission. Contact Box 6/314.

**ALIFIED ASSISTANT** required. Preferably experience in the preparation and filling of solutions, West London area. Reply gives details of experience, salary required etc. Box 6/338.

**KNOWN FIRM** of distributors require gentleman who are permitted to carry additional product. The lines are quick sellers, and a good salary is offered, but only gentlemen who are honest and regular calls need apply. The lines to be covered are, all north of Birmingham (including Birmingham), Scotland, and Counties. Write in first instance to: Box 6/338.

**KNOWN PARISIAN** parfumeur seeks well-versed salesman carrying non-competitive lines of perfume and cosmetics to high-class commission basis. Areas available, South of England and Midlands. Apply, giving experience. Box 6/212.

**OF ENGLAND.** Two territories will become vacant for first-class salesmen of the wider scope offered in Pharmacy (1) S. Hampshire to Lands End, and Wales, incl. W. Glos. Only thoroughly experienced men are invited to apply. Must have outstanding good sales record and have rep-resented houses of high repute. Will be re-quired to sell not more than five or six prod-ucts with consolidated sales and rising ver trends. All are nationally known and advertised. Preference given to men with car. Permanent appointment. Steadily in-creasing post. Apply with fullest particulars to Box A/199.

**WHOLESALE (OVERSEAS)**

**LABORATORIES, LTD.**, invite applications from pharmacists for the position of Administrative Manager on the staff of their Pakistan branch. Good salary and excellent prospects. Pension scheme. Applicants, who should be single and preferably unmarried, should write giving particulars of age, education, qualifications and experience to the Personnel Manager, Glaxo Laboratories, Ltd., Greenford, Middlesex.

**SITUATIONS WANTED**

18 words 3/- (minimum) then 1d. per word. Box 1/-

**RETAIL (HOME)**

**PHARMACIST**, aged 37, with small capital, requires position with good accommodation and garden. Partnership or interest in business preferred. South Coast or West Country. Box 6/330.

**LOCUMS SEEKING ENGAGEMENTS**

**AUSTRALIAN** woman pharmacist, registered, available for summer locums in London or suburbs from June 14. Box 6/344.

**WHOLESALE**

**MIDLAND AGENT** of repute, desires contact with manufacturer of similar standing seeking dignified, first-class representation. Car. Telephone. Personal contact with trade for 15 years has provided direct contact with executives. Box 6/327.

**SALES MANAGER** aged 48 with life-long experience in the trade wishes contact firm interested in marketing Tooth paste. Box 6/320.

**SENIOR REPRESENTATIVE** carrying nationally known products in the pharmaceutical and proprietary fields with substantial connections wholesale, retailers, multiples and Co-ops., Lancashire, Cheshire and North Wales, is severing connection with present company after 18 years' happy association. Not seeking poor-quality lines with high commission but invites enquiries from reputable manufacturers on selling agency basis. Box 6/310.

**TOP GRADE EXECUTIVE** (38), having systematically acquired wide experience all branches pharmaceutical industry, requires appointment with increasing responsibility in progressive company. Record proves £1,500 per annum capacity. Interviews without commitment welcomed. Box 6/336.

**AGENCIES**

36 words 17/6 (minimum) then 4d. per word. Box 2/-

**AGENTS** with first-class connections with chemists, required to handle a popular six and eight exposure roll film. Attractive discounts and commission. The Panda Film Co. (Wholesale), Ltd., 12 Laings Corner, Mitcham, Surrey.

**AGENTS REQUIRED** in Midlands and North to introduce an ethical foot comfort line to chemists. A rare opportunity to handle an outstanding line—that is different. Constant repeat business assured. First-class display material. Generous commission. Box 6/342.

**THE MANUFACTURERS OF FEEDRITE**, the sensational new baby feeder, which keeps baby's milk at the correct temperature during the entire feed, invite applications from agents who have first-class connections with chemists, stores and Co-operative Societies. Payment will be on commission basis. Only gentlemen with the highest references should apply in writing with full particulars to Messrs. Morley Rogers & Co., 34 South Molton St., Mayfair, London, W.1.

**WELL-INTRODUCED** firm specialised in the chemical field seeks to represent in Italy manufacturing firm of pharmaceutical bulk chemicals, preferably quinine salts, antibiotics, sulphonamides, vitamins, laboratory reagents. Manufacturers only please write Box 6/335.

**AGENCIES WANTED**

36 words 8/6 (minimum) then 3d. per word. Box 2/-

**DENMARK.** Energetic, well-introduced import-agent wishes to represent manufacturers of chemicals and glues, etc. First-class references. 11 years' experience abroad. Apply Box A/161.

## A MARKETING EXPERT

in the Food and Allied Trades with an exceptionally successful record in this country extending over 20 years, with an intimate personal knowledge of the Australian Market, is proceeding to that country later in the year, and will be glad to undertake commissions such as the checking up on present distribution, the appointment of Agents, the building up of sales or the arranging of Selling Agencies in the United Kingdom. Box A/156.

**INDIA.** Are you satisfactorily represented in India? If not, the advertiser (British) will be in the U.K. during October and November and will be pleased to negotiate Agencies for well-known ethical pharmaceutical products, Box 6/300.

**SURGICAL DRESSINGS,** sundries, etc. Agency required by manufacturing pharmaceutical firm with strong personal connections in Kent, Surrey, Sussex and South London. Conscientious representation guaranteed. Whole area covered regularly by one of the principals. Box 6/285.

## BUSINESS OPPORTUNITIES

36 words 17/6 (minimum) then 4d. per word. Box 2/-

**AUSTRALIA.** London pharmaceutical manufacturers intend sending out their representative early 1950 for market research and to make personal contacts. They would like to share expenses with non-competing firm similarly interested. Enquiries in confidence to Box A/108.

**MANUFACTURERS** of nationally advertised toilet products with sales organisation would be interested in working arrangement or amalgamation with manufacturing chemists in similar position. Object: reducing overheads, increasing profits. Highest references given and required. Principals only. Box A/184.

## FOR SALE

36 words 8/6 (minimum) then 3d. per word. Box 2/-

"ALITE", 150-lb. sifter mixer with elevator and distributor. "Albro" vacuum powder filler. "Pascall" pin-disc mill. S/steel trolley tanks 25/50 gallons. S/steel storage tanks, 12 gallons. "Musgrave" dust extraction plant, etc. Excellent condition. Seen London. Particulars. Box 6/307.

**DRAWERS NEST** of 80, size 9 in. x 6 in. x 4 in. with index fittings; polished as mahogany. 5ft. 6 in. long, 3 ft. 4 in. high, 11 in. deep. £25. Welbeck 8089.

**FRENCH PERFUME BOTTLES.** Chandel type with ground glass stoppers and elegant upright fancy boxes to fit. Suitable for high-class perfumers packing own perfumes. Sizes ½-oz., 1-oz. and 2-oz. Manufacturers surplus to clear below cost. Particulars, Box 6/308.

## WANTED

36 words 8/6 (minimum) then 3d. per word. Box 2/-

**MANUFACTURER** desires supplies of glycerine to augment allocation. Offers to Box A/2.

**REQUIRED:** Rotary tablet press. Stokes R.D.3., good condition. Other models considered. Box A/167.

## MISCELLANEOUS SALE

36 words 17/6 (minimum) then 4d. per word

**CELLOPHANE PRINTED BAGS,** 8 in. x 4 block bottom, moisture proof. 10/- formerly cost 40/- per 1,000. 700,000 printed golden dawn, 3/- per 1,000. 15 available. Must be cleared. Haverson Merthyr.

**COMPLETE** set of chemist's fittings for disposal in extensive pharmacy in West. Must be moved within the next three weeks. fittings, upright display cases, counter scales, dispensing screen, shop rounds, etc. Full particulars from Orridge & 77 High Street, Shirley, Southampton.

**FOR SALE.** 42 gross ointment pots, 2 cap. What offers? 70 gross cream pot flat, screw cap. What offers? 40 gross tone " leg tan, attractively packed, at gross. 130 doz. Kleeman bakelite soap 5/6 dozen. All delivered carriage paid, small quantities. Samples available on Apply Box 6/331.

**PHARMACEUTICAL CHEMICALS.** Govern plus supplies in bulk and bottled quantities stocks available will be sent upon application. Walter, Johns & Co., 22 Stuart Cres., N.

**SACCHARIN** without middlemen's profits. 2 gr. 550 saccharin, splendid pack. 100 tablets each envelope 57/- g. free. No minimum quantity. C.W.O. ten 55/-.

**SACCHARIN TABLETS:** 550.02 gr. packets envelopes boxed in gross boxes. 5 gr. 10 gross, 56/-.

**SACCHARIN TABLETS** 550 0.2 gr. in p. 100 tablets, boxed in 1 gross lots. 1 to at 57/- p. gross, 6 to 10 gross at 56/- postage paid. C.W.O. only. Quota larger quantities by return. Tell Produ 22-24 Rosemont Rd., London, N.W.3.

**TWO SECONDHAND** semi-automatic Smith powder filling machines, complete and worms. 2 electric motors, 25 h.p. 3 phase. 2 wooden benches, 7 ft. by 3 zinc covered; thoroughly overhauled and condition. Can be viewed by appointment Williams, Co., Ltd., Aintree Rd., Periv Greenford, Middx. Phone Perivale 4204.

**VACUUM FLASK.** Deluxe pint approx., body and cups, assorted colours. The white, extra large, hold ½ pint approx. e Are fully guaranteed to retain heat and g against breakages in transit. Retail at 8/ in 50's., 6/6 each, plus 10/- for carriage, tea chest, England, Ireland, Scotland, Channel Islands. Free deliveries in London with order. Kale Bros., 23 St. Kilda London, N.16.

## STOCKTAKING

**QUIET AND ACCURATE** workmanship. years' practical experience. Detailed in supplied to suit your individual requirements own stock sheets priced. Terms moderate. Playfoot, 8 Aylward Rd., London, S.W.20 Liberty 4104.



# IMPERIAL LEATHER

HAND-FINISHED

*Toilet Soaps*

The Imperial Leather Toilet Soap made by Cussons has a consistent record of success. The steadily expanding market for this product indicates a widespread appreciation of really fine hand-finished Toilet Soap.



Cussons Sons & Co. Ltd, 84 Brook St, Grosvenor Sq, London W.1

*The*  
**CHEMIST AND DRUGGIST**

JUNE 4, 1949

A NAME YOU CAN RELY ON

**GOX**

*of Brighton*

AN ORGANISATION ABREAST  
OF THE LATEST MECHANICAL  
AND SCIENTIFIC DEVELOPMENTS

*Manufactures include*

**PILLS & TABLETS**

PHARMACEUTICALS : SOLVELLÆ  
PACKED SPECIALITIES  
CUSTOMERS "OWN NAME" PRODUCTS

**ARTHUR H. GOX & CO. LTD. BRIGHTON 7.**



